Appendix A for 5.2GWIFI Test Data

Product Name: MINIPC

Test Model: T8PLUS

Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	52%
ATM Pressure:	101.0 kPa
Test Engineer:	Leon Li
Supervised by:	Baret Wu

A1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	57.63	2.39	0.74
NVNT	a	5200	Ant1	57.63	2.39	0.74
NVNT	a	5240	Ant1	57.63	2.39	0.74
NVNT	a	5180	Ant2	57.81	2.38	0.73
NVNT	a	5200	Ant2	57.38	2.41	0.74
NVNT	a	5240	Ant2	57.63	2.39	0.74
NVNT	n20	5180	Ant1	56.14	2.51	0.78
NVNT	n20	5200	Ant1	56.14	2.51	0.78
NVNT	n20	5240	Ant1	56.14	2.51	0.78
NVNT	n20	5180	Ant2	56.14	2.51	0.78
NVNT	n20	5200	Ant2	55.7	2.54	0.79
NVNT	n20	5240	Ant2	56.14	2.51	0.78
NVNT	n40	5190	Ant1	38.65	4.13	1.59
NVNT	n40	5230	Ant1	39.02	4.09	1.56
NVNT	n40	5190	Ant2	36.31	4.4	1.75
NVNT	n40	5230	Ant2	36.08	4.43	1.75
NVNT	ac20	5180	Ant1	56.14	2.51	0.78
NVNT	ac20	5200	Ant1	56.14	2.51	0.78
NVNT	ac20	5240	Ant1	56.14	2.51	0.78
NVNT	ac20	5180	Ant2	53.49	2.72	0.87
NVNT	ac20	5200	Ant2	53.24	2.74	0.87
NVNT	ac20	5240	Ant2	53.49	2.72	0.87
NVNT	ac40	5190	Ant1	39.02	4.09	1.56
NVNT	ac40	5230	Ant1	39.02	4.09	1.56
NVNT	ac40	5190	Ant2	36.71	4.35	1.72
NVNT	ac40	5230	Ant2	36.71	4.35	1.72
NVNT	ac80	5210	Ant1	24.24	6.15	3.12
NVNT	ac80	5210	Ant2	22.31	6.52	3.45

Test Graphs
Duty Cycle NVNT a 5180MHz Ant1

Duty Cycle NVNT a 5200MHz Ant1

Duty Cycle NVNT a 5240MHz Ant1

Duty Cycle NVNT a 5180MHz Ant2

Duty Cycle NVNT a 5200MHz Ant2

Duty Cycle NVNT a 5240MHz Ant2

Duty Cycle NVNT n20 5180MHz Ant1

Duty Cycle NVNT n20 5200MHz Ant1

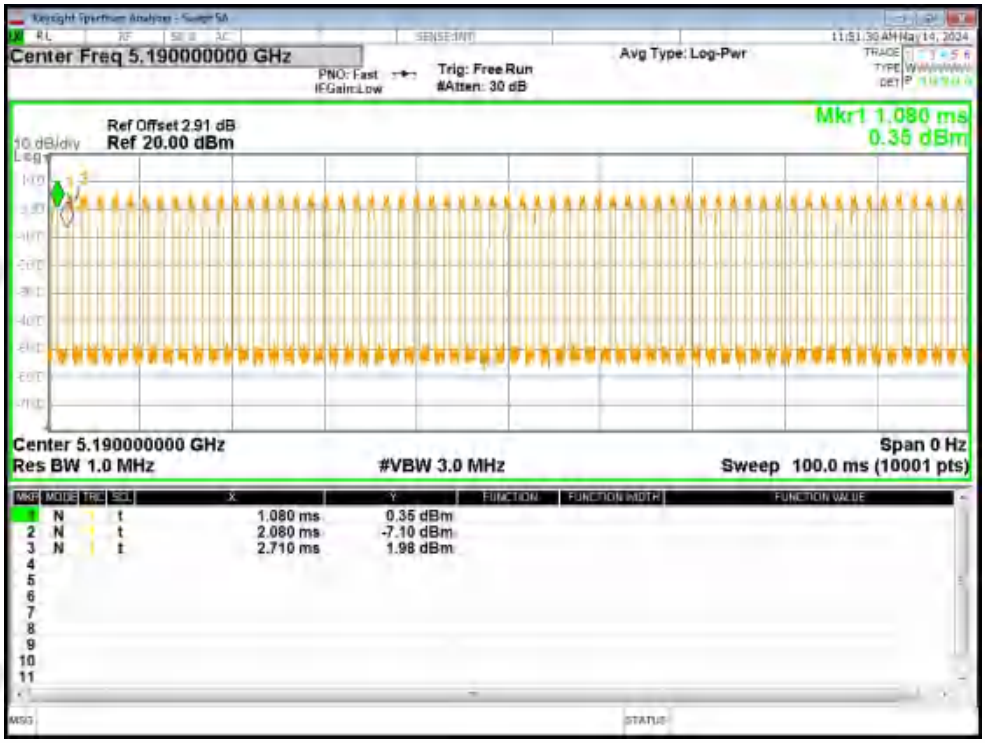
Duty Cycle NVNT n20 5240MHz Ant1

Duty Cycle NVNT n20 5180MHz Ant2

Duty Cycle NVNT n20 5200MHz Ant2

Duty Cycle NVNT n20 5240MHz Ant2

Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1

Duty Cycle NVNT n40 5190MHz Ant2

Duty Cycle NVNT n40 5230MHz Ant2

Duty Cycle NVNT ac20 5180MHz Ant1

Duty Cycle NVNT ac20 5200MHz Ant1

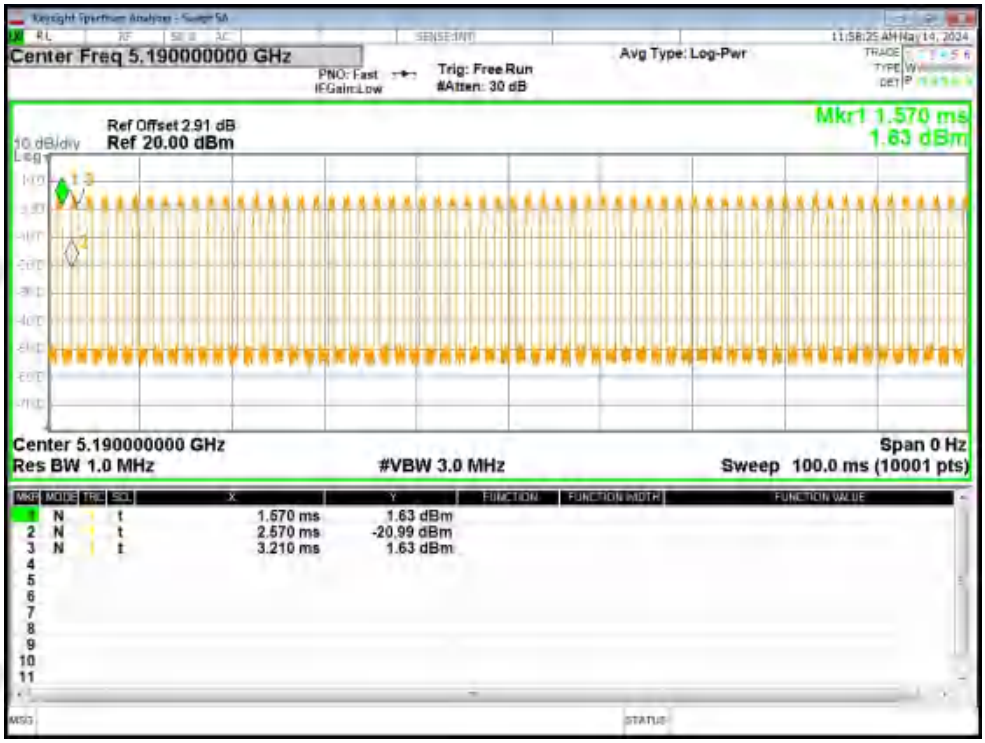
Duty Cycle NVNT ac20 5240MHz Ant1

Duty Cycle NVNT ac20 5180MHz Ant2

Duty Cycle NVNT ac20 5200MHz Ant2

Duty Cycle NVNT ac20 5240MHz Ant2

Duty Cycle NVNT ac40 5190MHz Ant1



Duty Cycle NVNT ac40 5230MHz Ant1

Duty Cycle NVNT ac40 5190MHz Ant2

Duty Cycle NVNT ac40 5230MHz Ant2

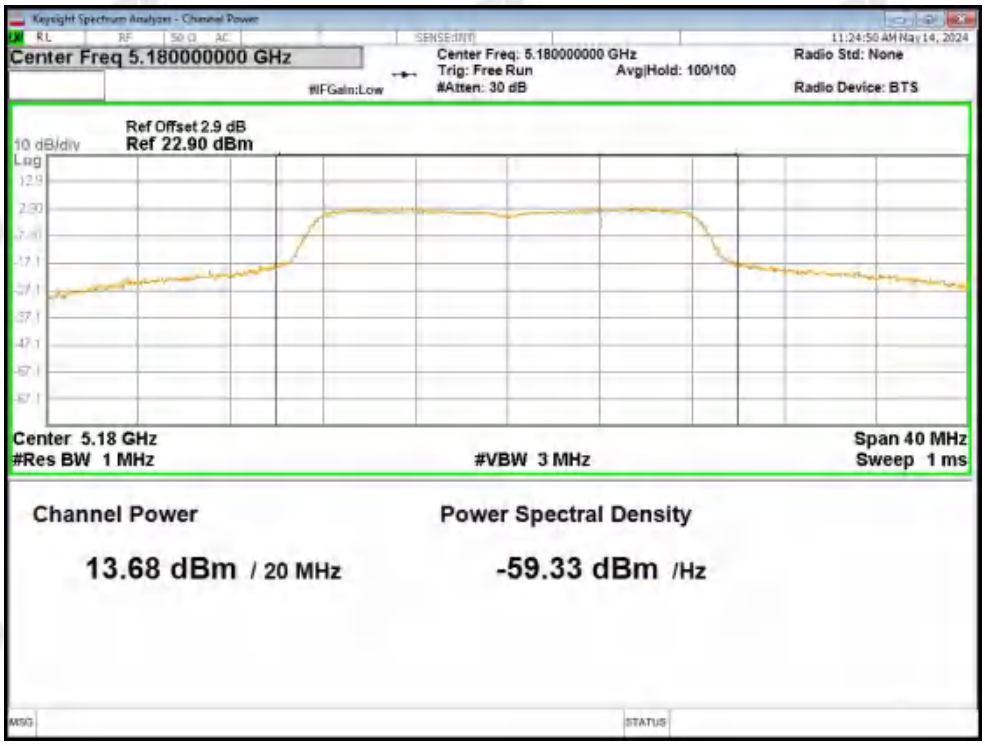
Duty Cycle NVNT ac80 5210MHz Ant1

Duty Cycle NVNT ac80 5210MHz Ant2

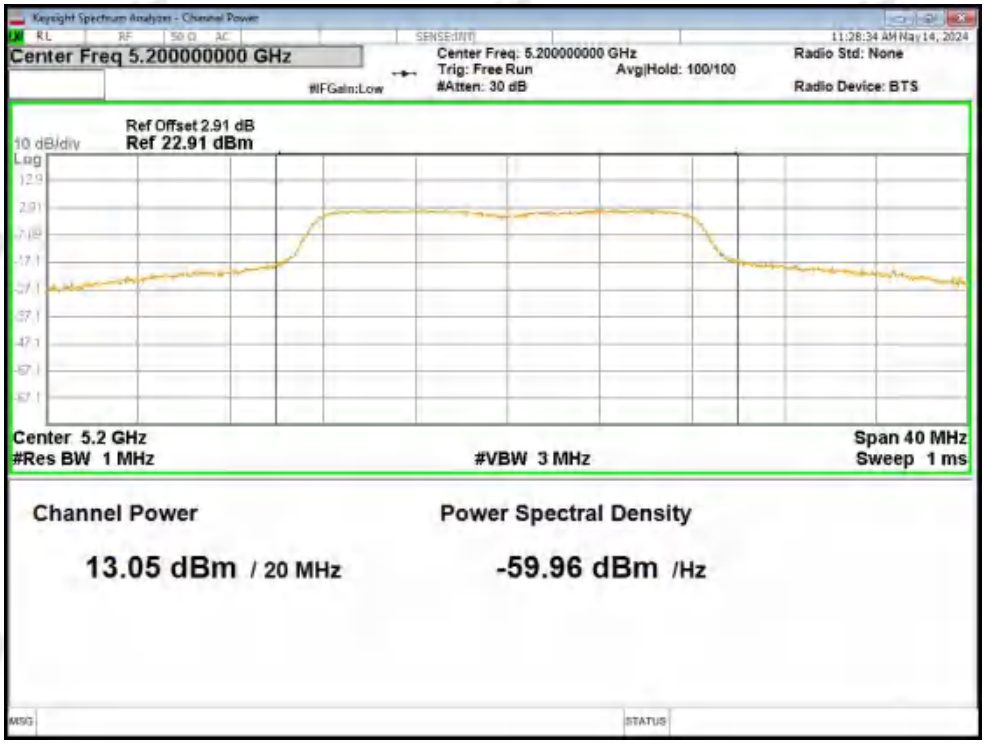
A2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.68	2.39	16.07	24	Pass
NVNT	a	5200	Ant1	13.05	2.39	15.44	24	Pass
NVNT	a	5240	Ant1	13.75	2.39	16.14	24	Pass
NVNT	a	5180	Ant2	13.2	2.38	15.58	24	Pass
NVNT	a	5200	Ant2	12.72	2.41	15.13	24	Pass
NVNT	a	5240	Ant2	14.24	2.39	16.63	24	Pass
NVNT	n20	5180	Ant1	13.12	2.51	15.63	24	Pass
NVNT	n20	5200	Ant1	13.89	2.51	16.4	24	Pass
NVNT	n20	5240	Ant1	13.88	2.51	16.39	24	Pass
NVNT	n20	5180	Ant2	11.73	2.51	14.24	24	Pass
NVNT	n20	5200	Ant2	12.31	2.54	14.85	24	Pass
NVNT	n20	5240	Ant2	12.8	2.51	15.31	24	Pass
NVNT	n40	5190	Ant1	12.09	4.13	16.22	24	Pass
NVNT	n40	5230	Ant1	12.62	4.09	16.71	24	Pass
NVNT	n40	5190	Ant2	8.17	4.4	12.57	24	Pass
NVNT	n40	5230	Ant2	9.24	4.43	13.67	24	Pass
NVNT	ac20	5180	Ant1	13.08	2.51	15.59	24	Pass
NVNT	ac20	5200	Ant1	13.17	2.51	15.68	24	Pass
NVNT	ac20	5240	Ant1	13.89	2.51	16.4	24	Pass
NVNT	ac20	5180	Ant2	10.14	2.72	12.86	24	Pass
NVNT	ac20	5200	Ant2	9.95	2.74	12.69	24	Pass
NVNT	ac20	5240	Ant2	9.66	2.72	12.38	24	Pass
NVNT	ac40	5190	Ant1	12.28	4.09	16.37	24	Pass
NVNT	ac40	5230	Ant1	10.46	4.09	14.55	24	Pass
NVNT	ac40	5190	Ant2	8.08	4.35	12.43	24	Pass
NVNT	ac40	5230	Ant2	8.9	4.35	13.25	24	Pass
NVNT	ac80	5210	Ant1	10.71	6.15	16.86	24	Pass
NVNT	ac80	5210	Ant2	7.44	6.52	13.96	24	Pass

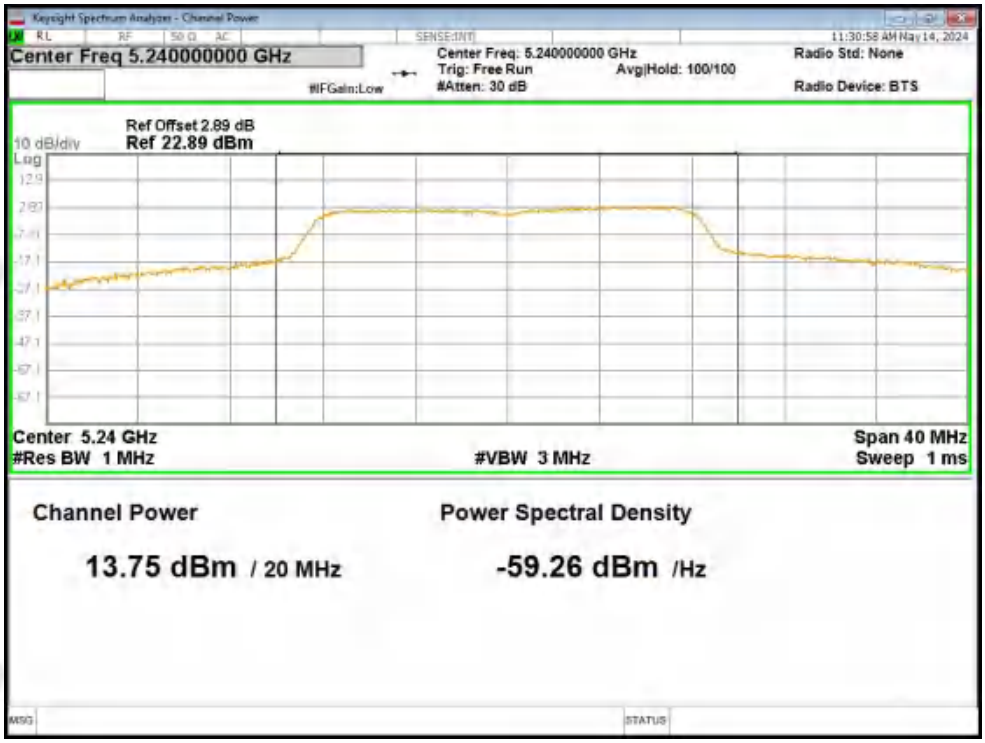
Test Graphs
Power NVNT a 5180MHz Ant1



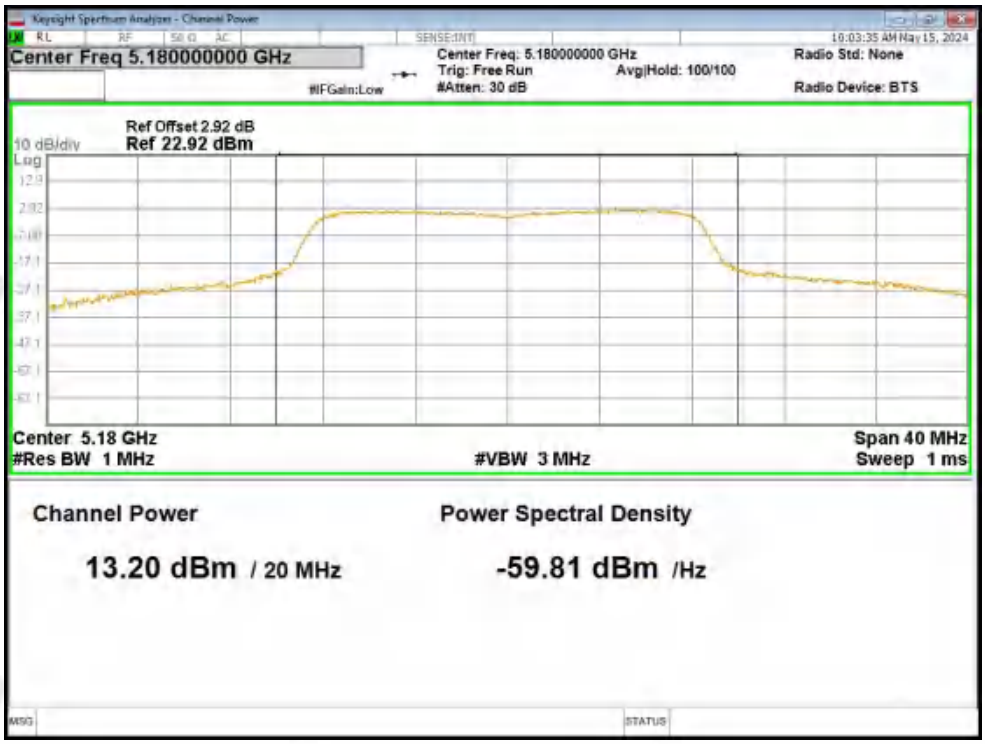
Power NVNT a 5200MHz Ant1



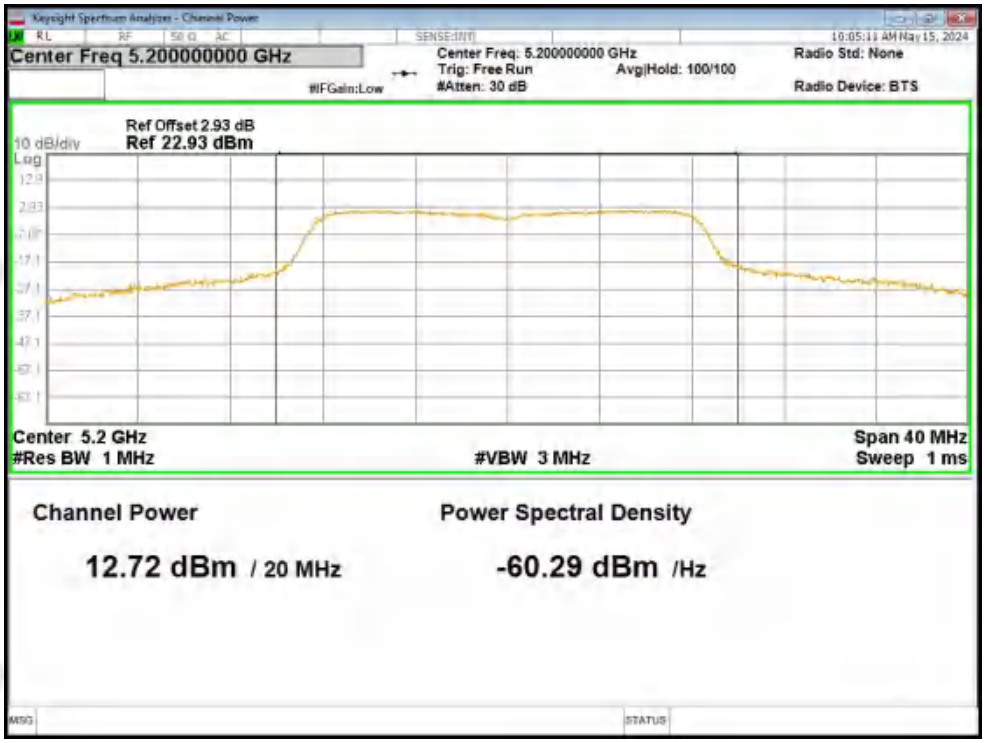
Power NVNT a 5240MHz Ant1



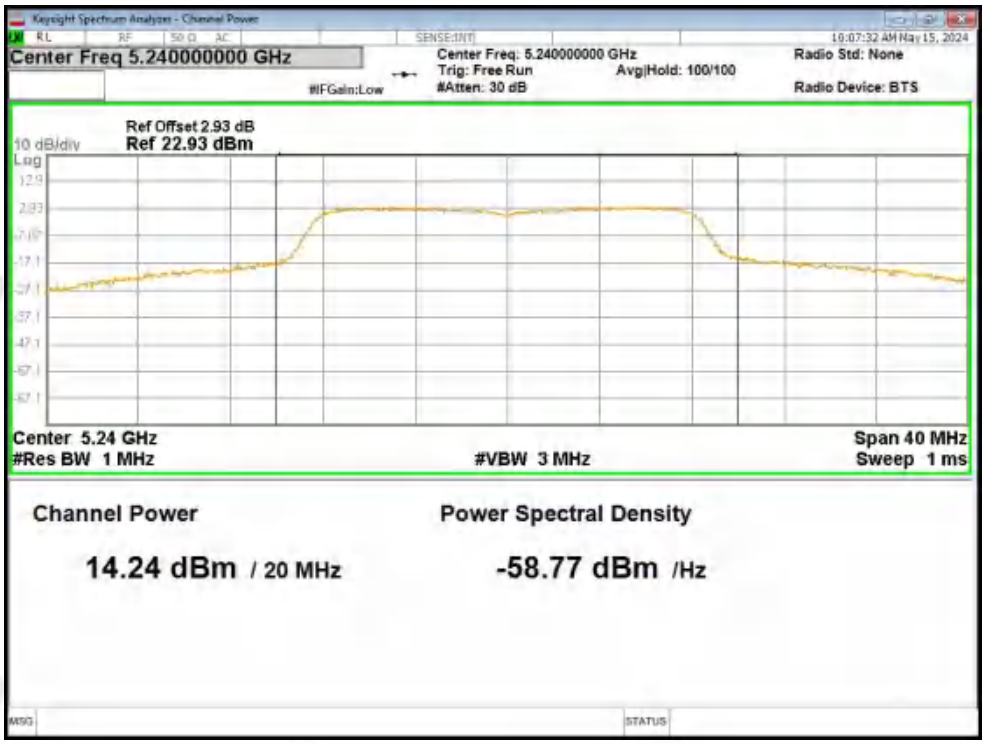
Power NVNT a 5180MHz Ant2



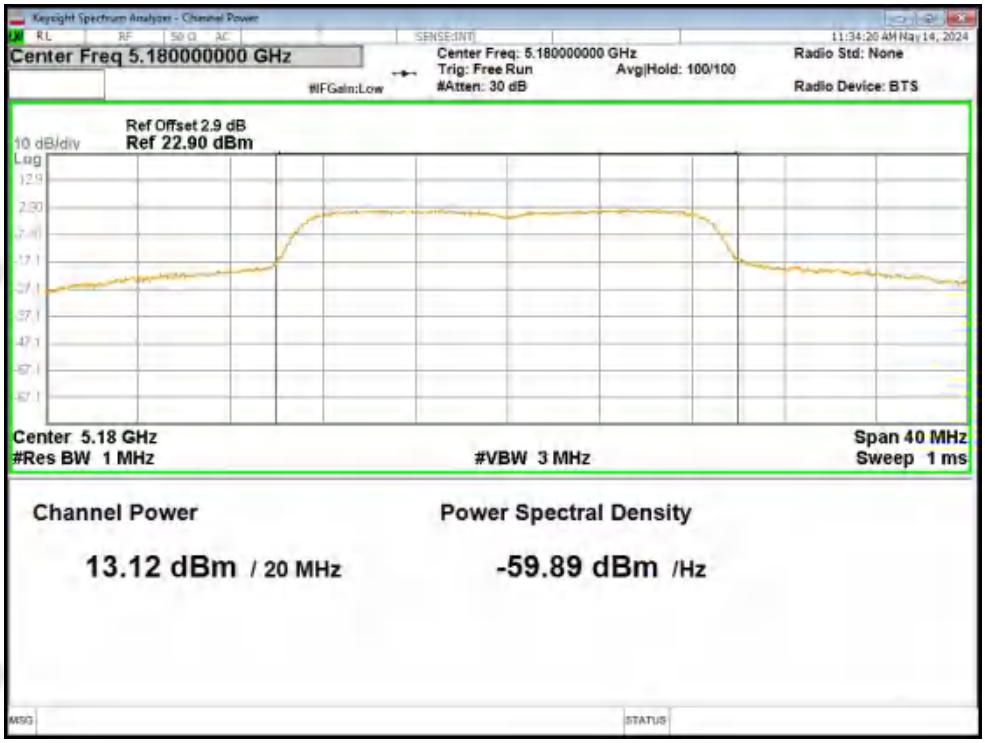
Power NVNT a 5200MHz Ant2



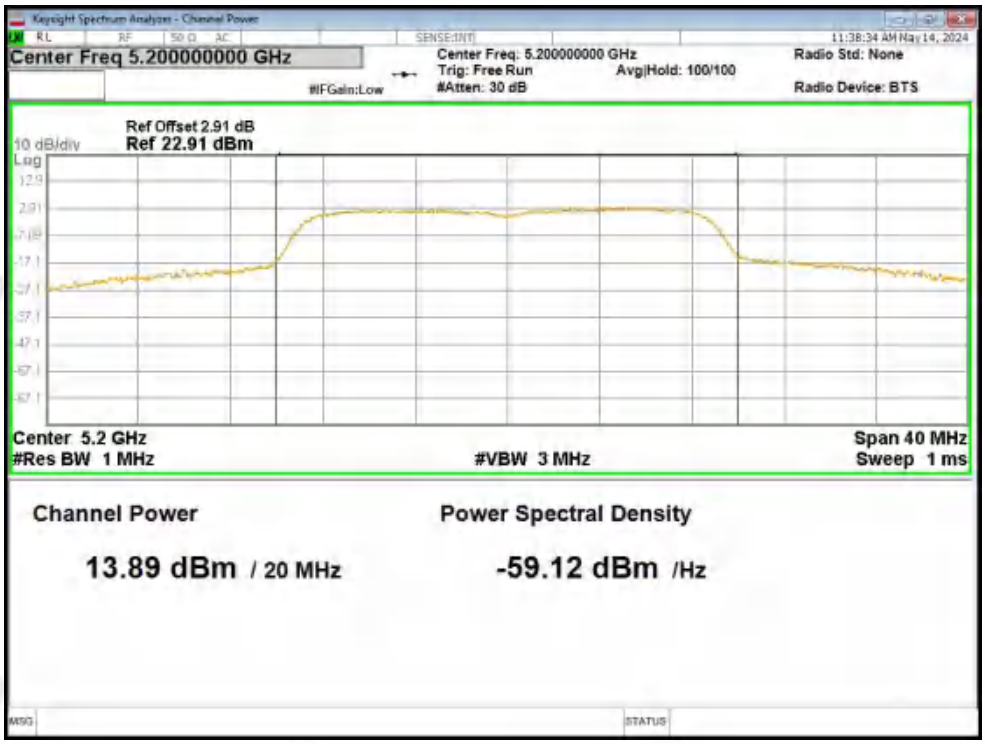
Power NVNT a 5240MHz Ant2



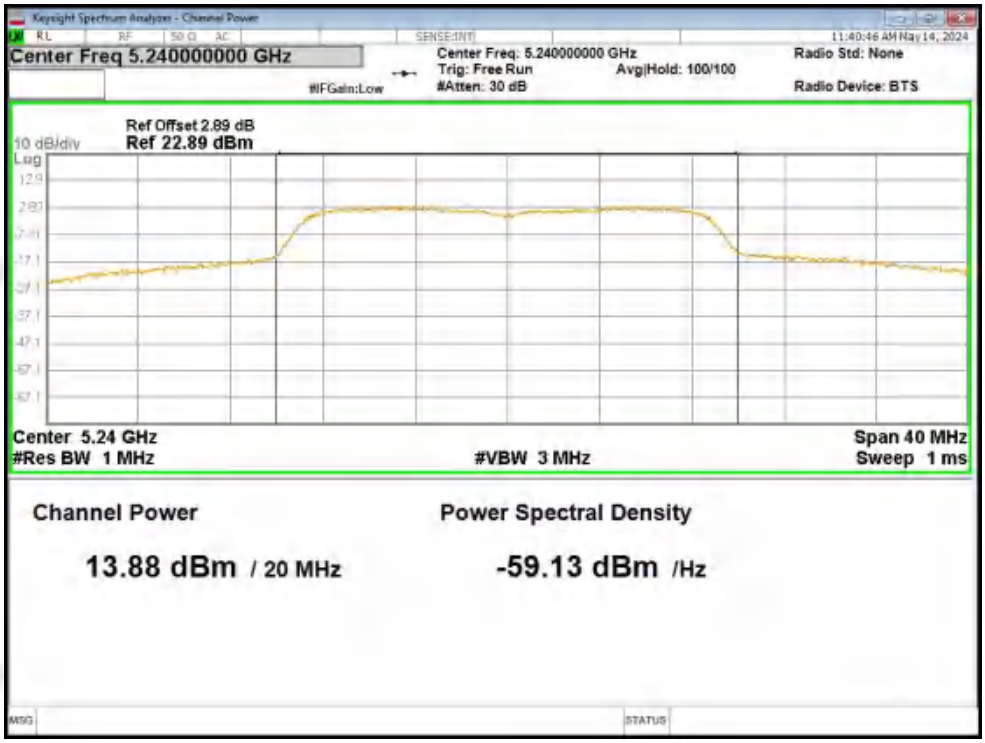
Power NVNT n20 5180MHz Ant1



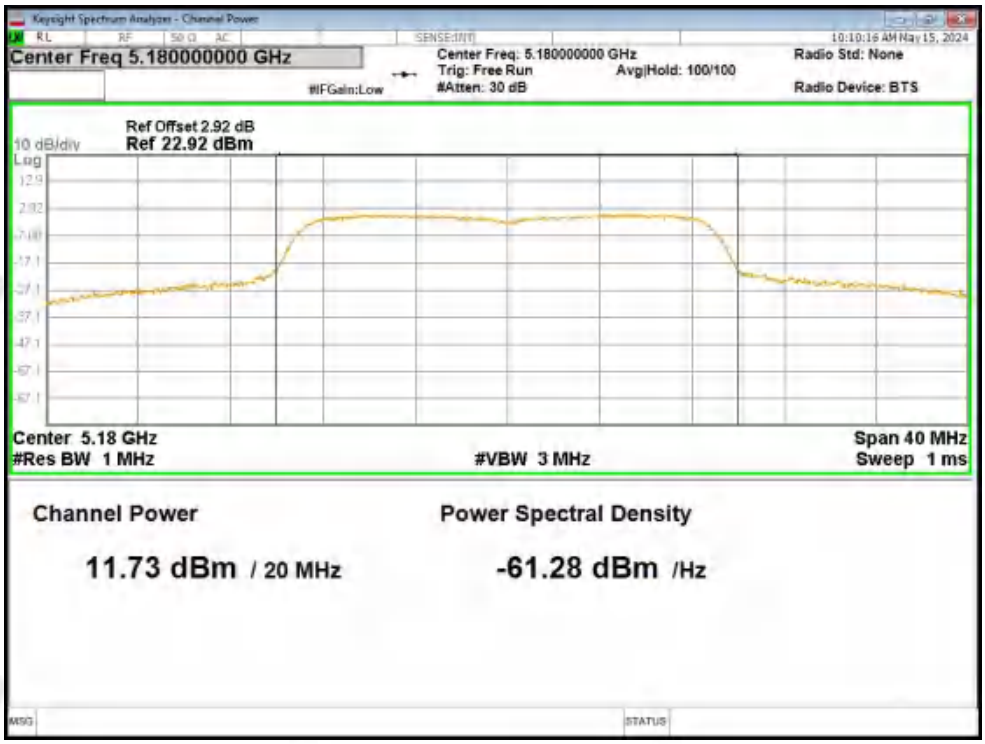
Power NVNT n20 5200MHz Ant1



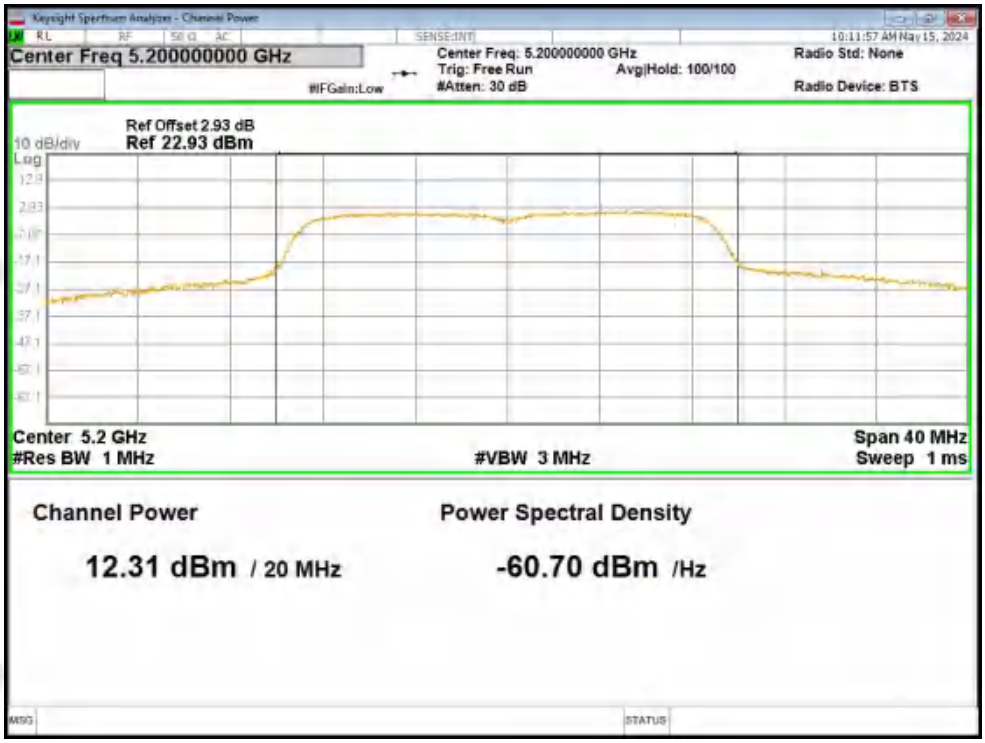
Power NVNT n20 5240MHz Ant1



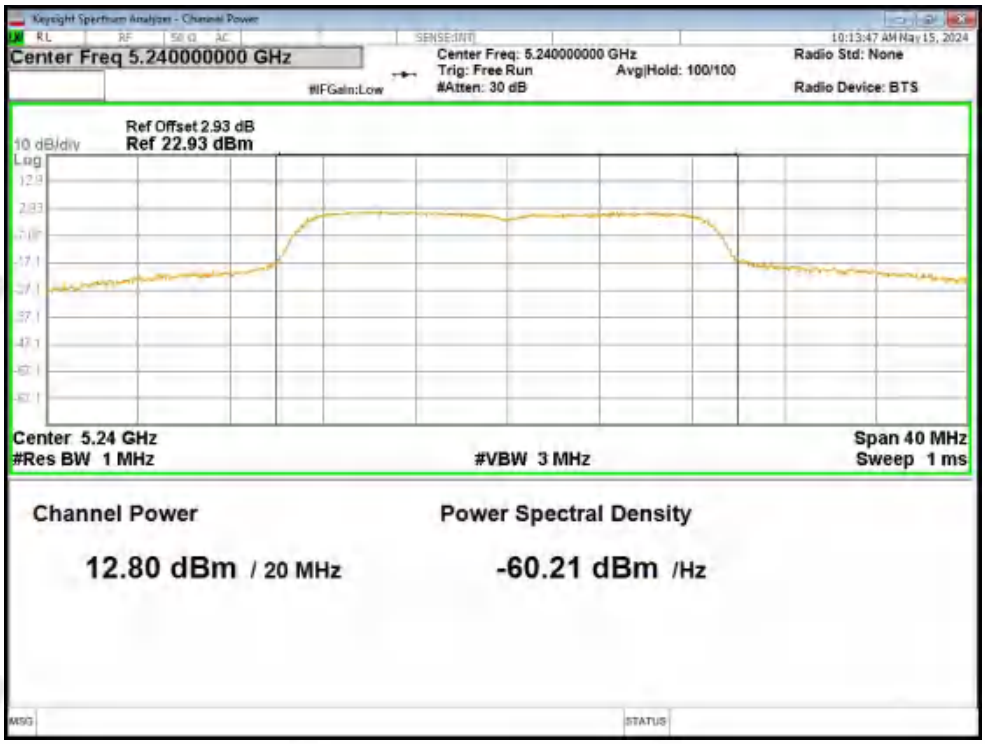
Power NVNT n20 5180MHz Ant2



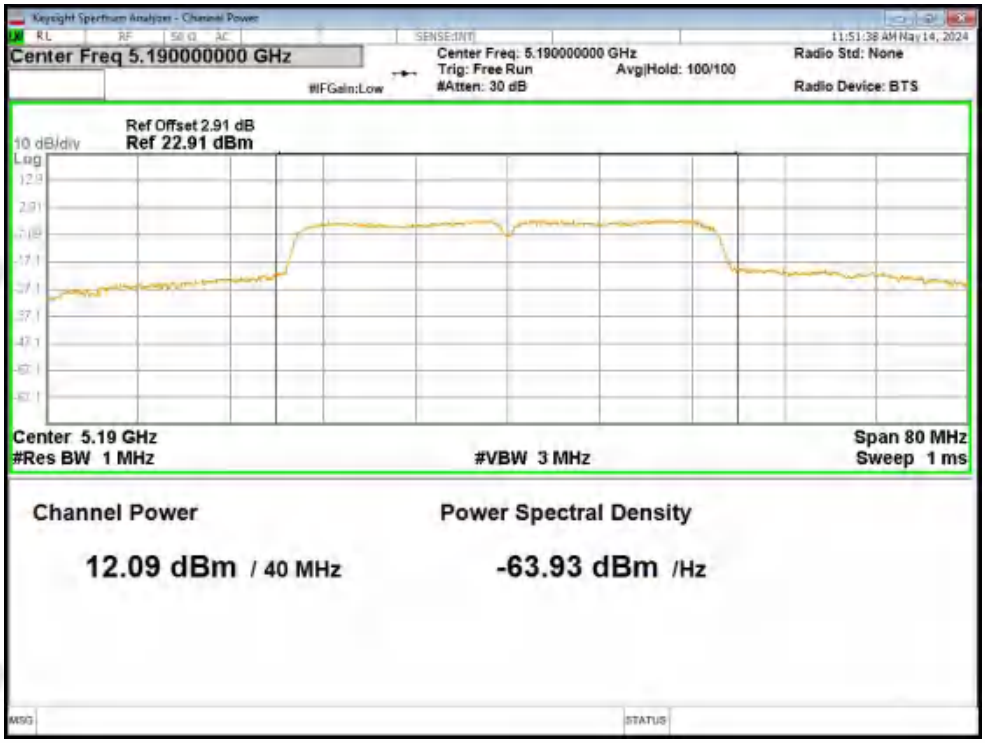
Power NVNT n20 5200MHz Ant2



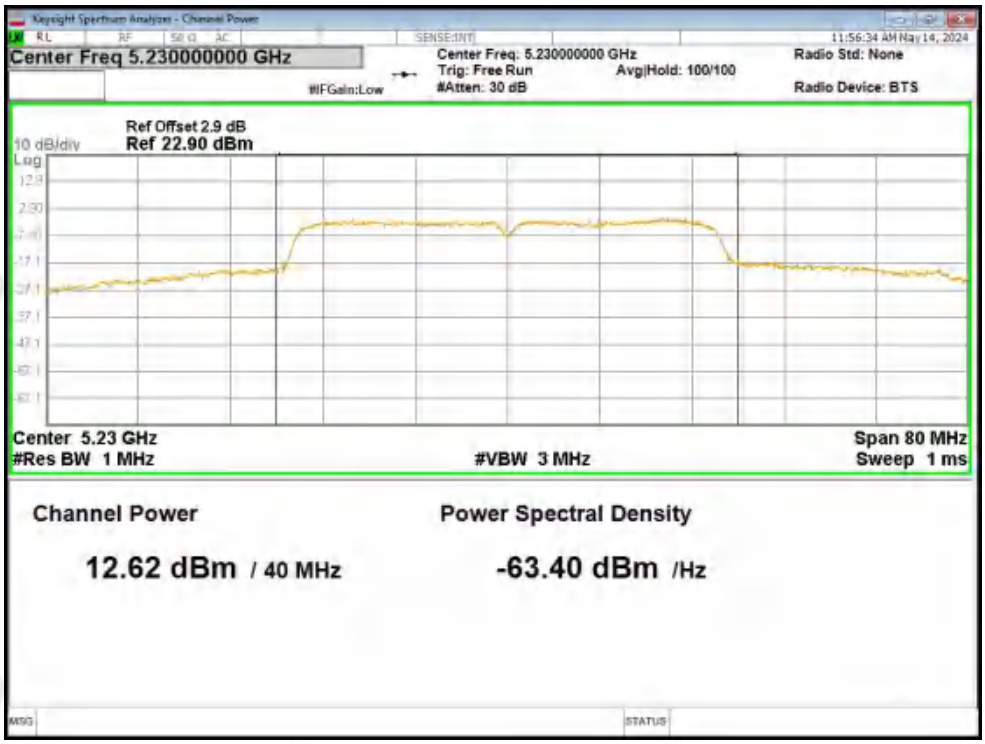
Power NVNT n20 5240MHz Ant2



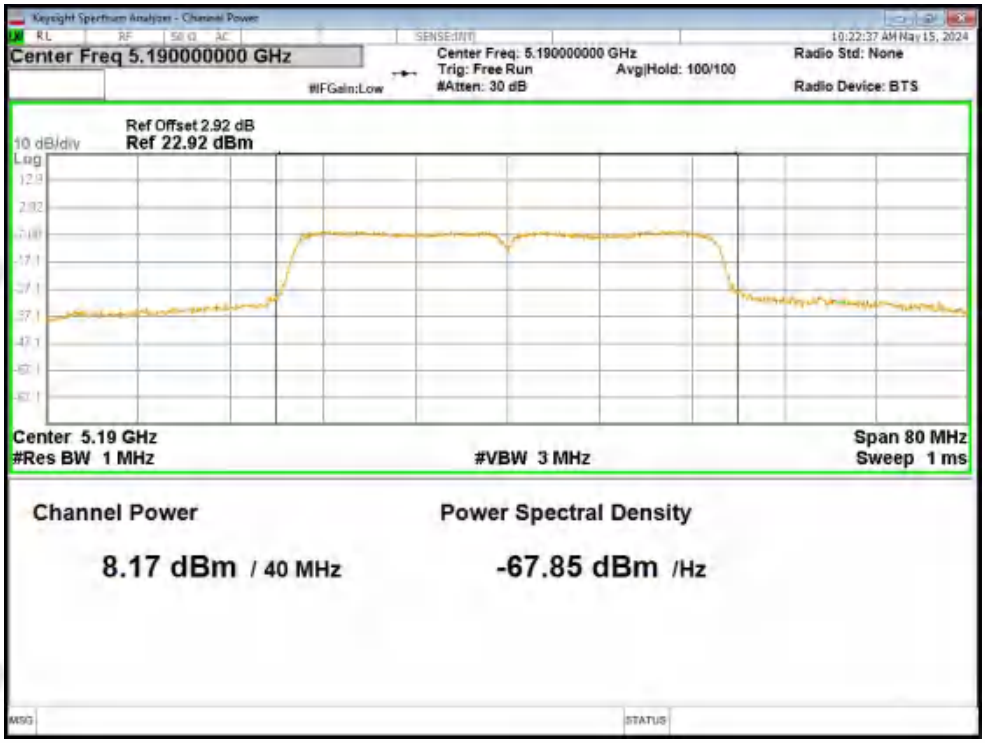
Power NVNT n40 5190MHz Ant1



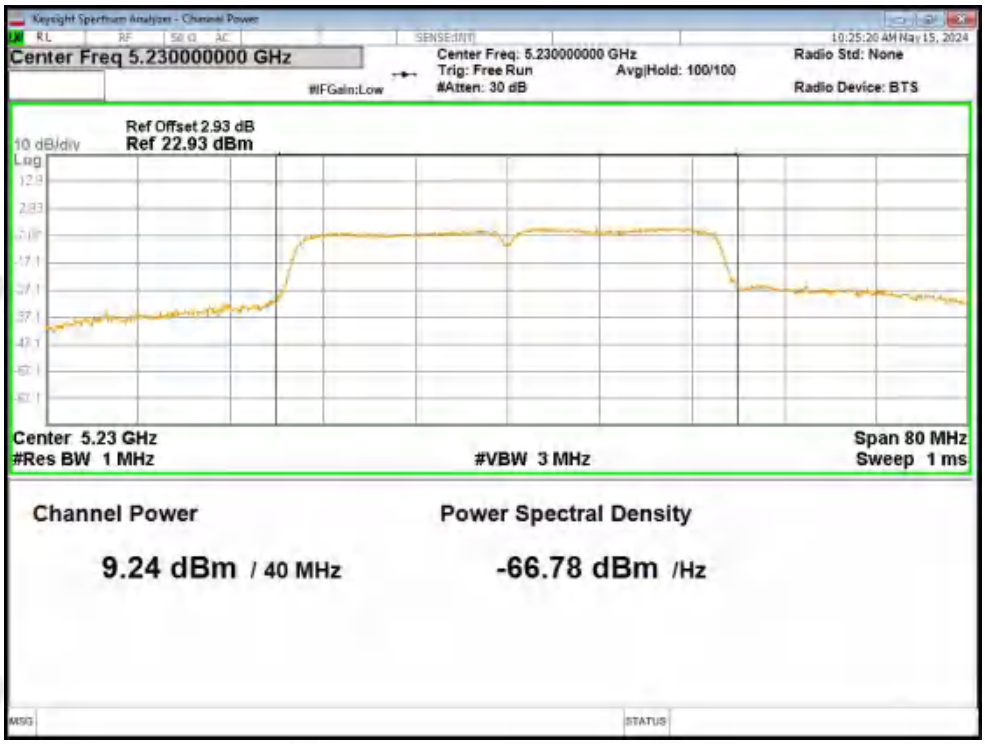
Power NVNT n40 5230MHz Ant1



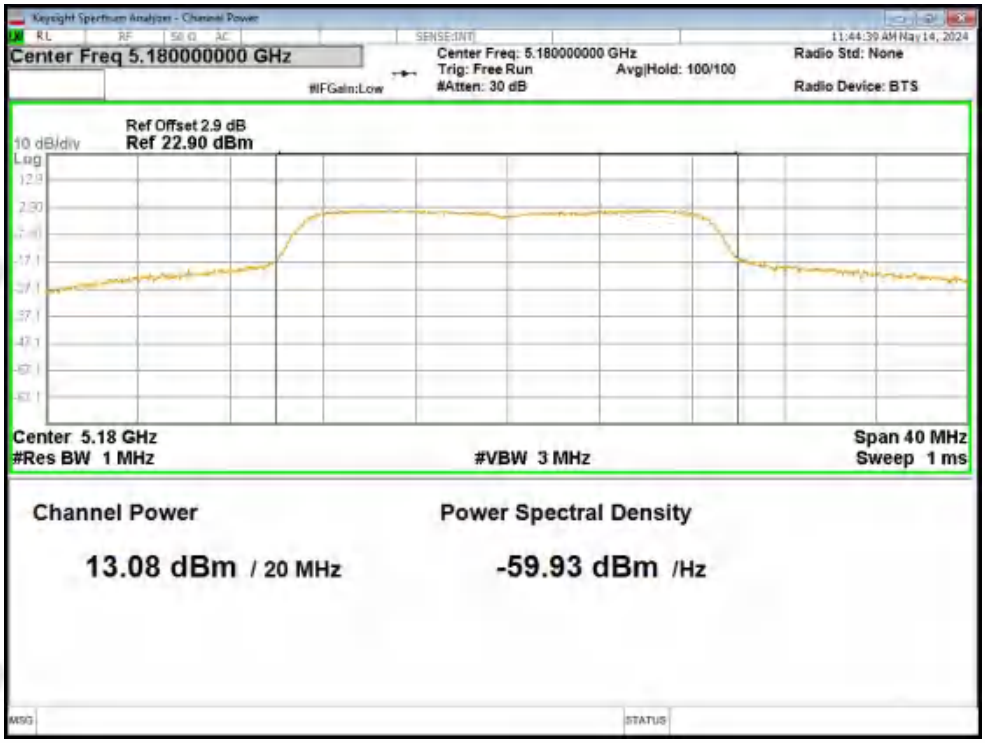
Power NVNT n40 5190MHz Ant2



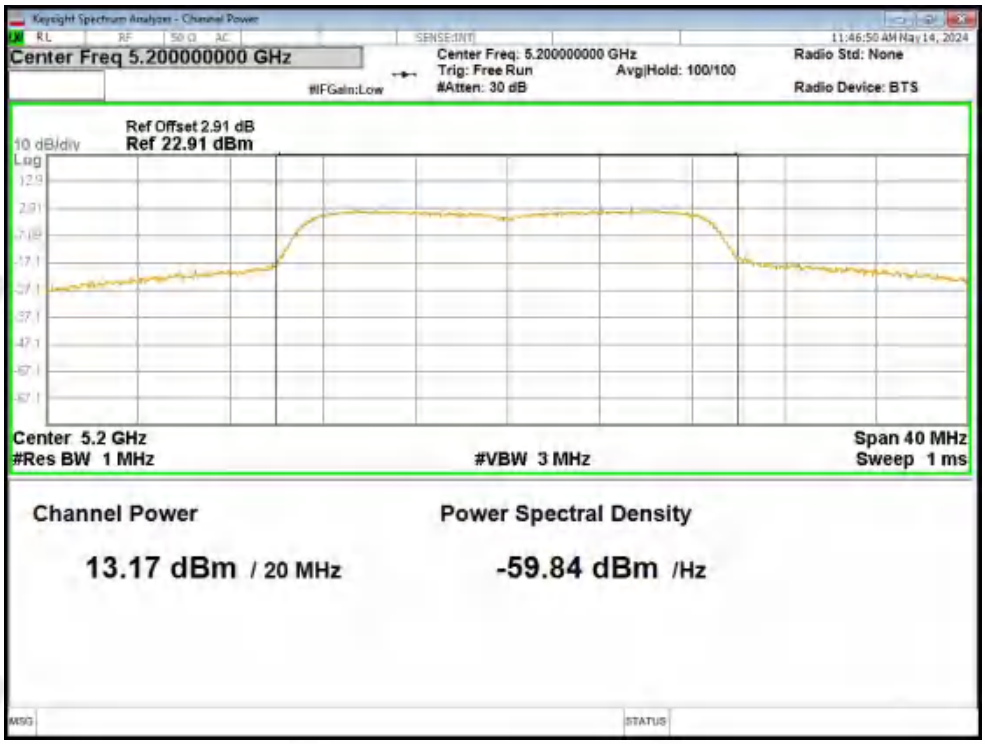
Power NVNT n40 5230MHz Ant2



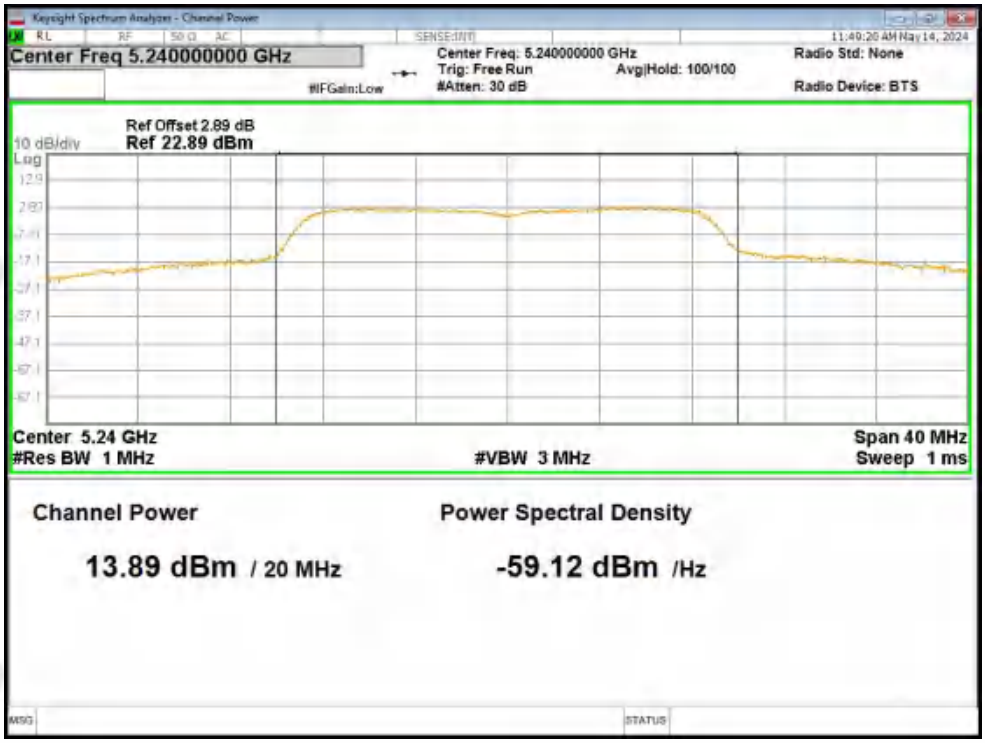
Power NVNT ac20 5180MHz Ant1



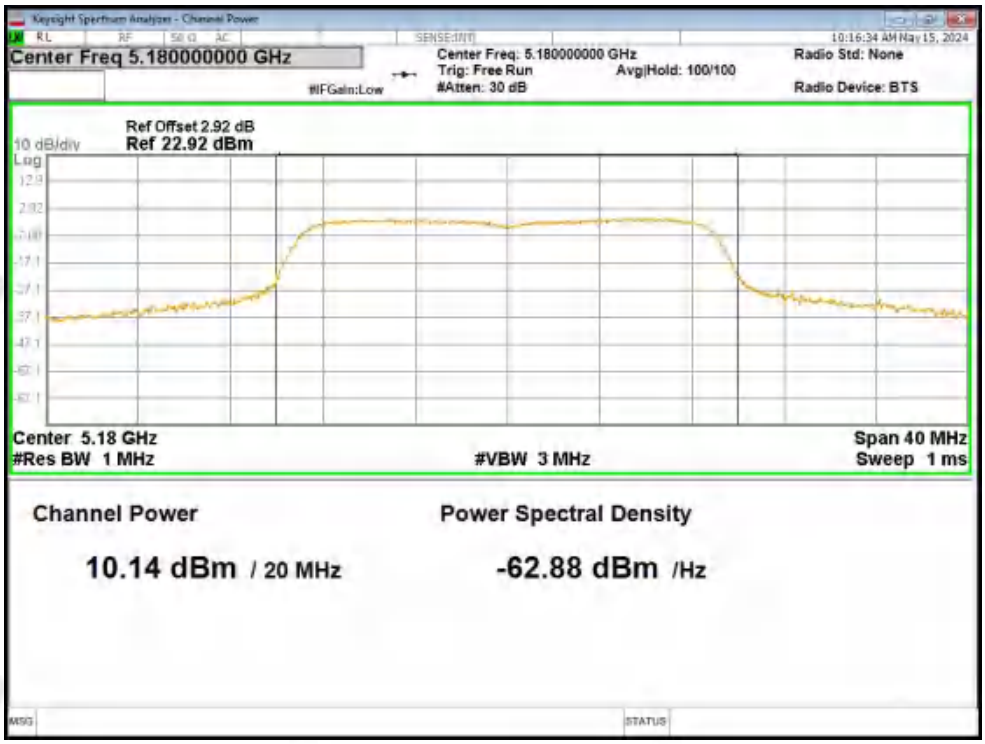
Power NVNT ac20 5200MHz Ant1



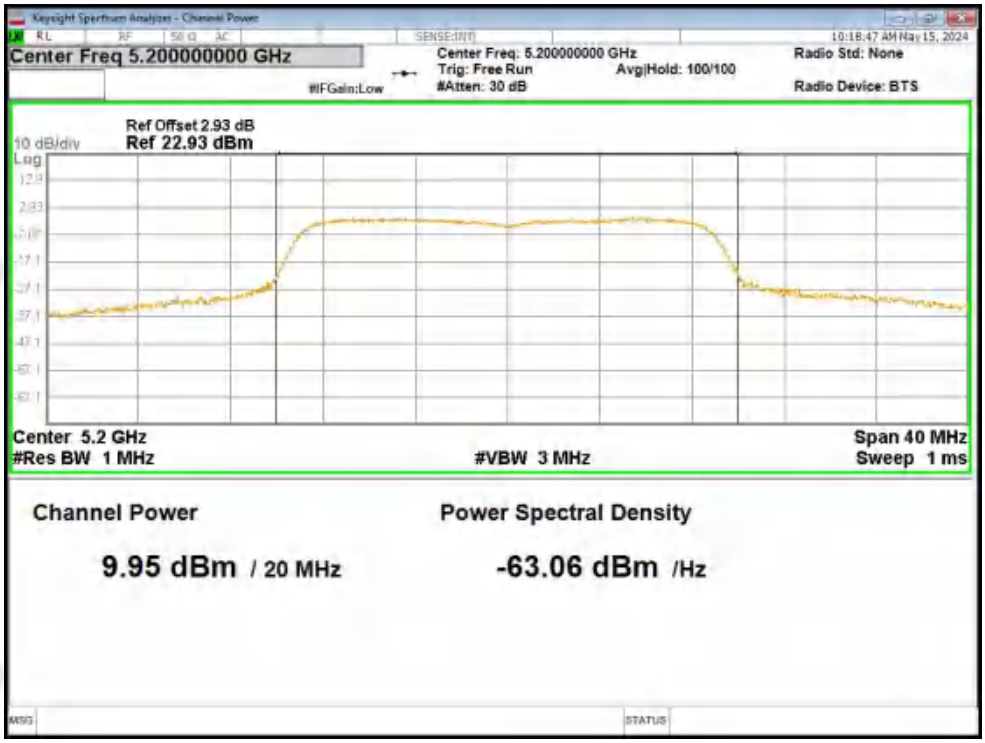
Power NVNT ac20 5240MHz Ant1



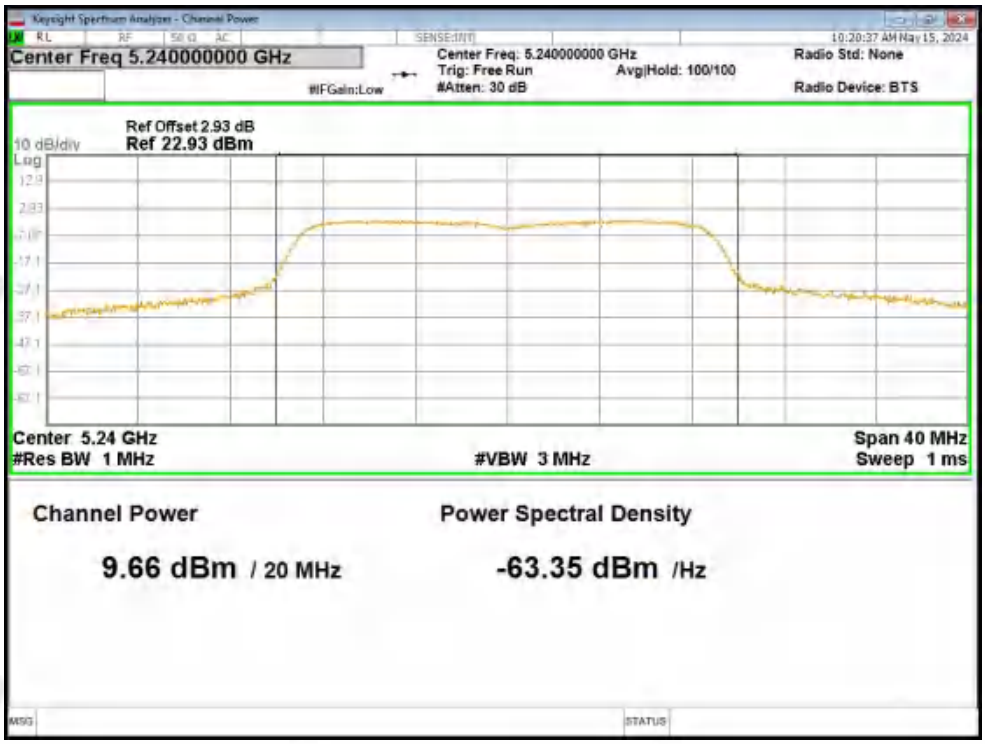
Power NVNT ac20 5180MHz Ant2



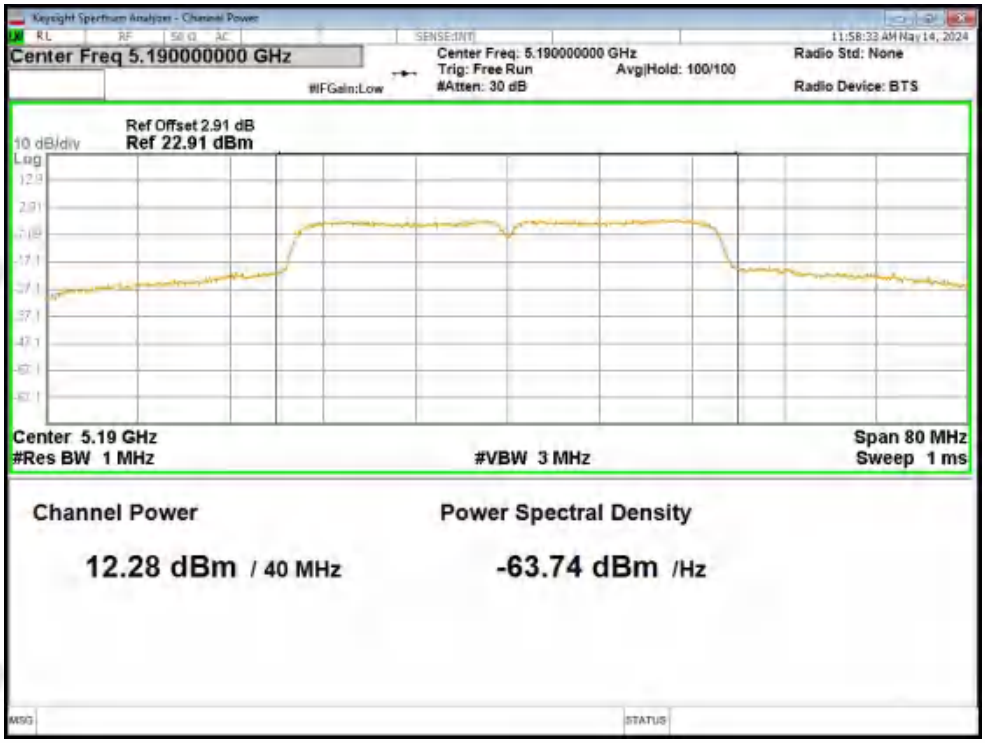
Power NVNT ac20 5200MHz Ant2



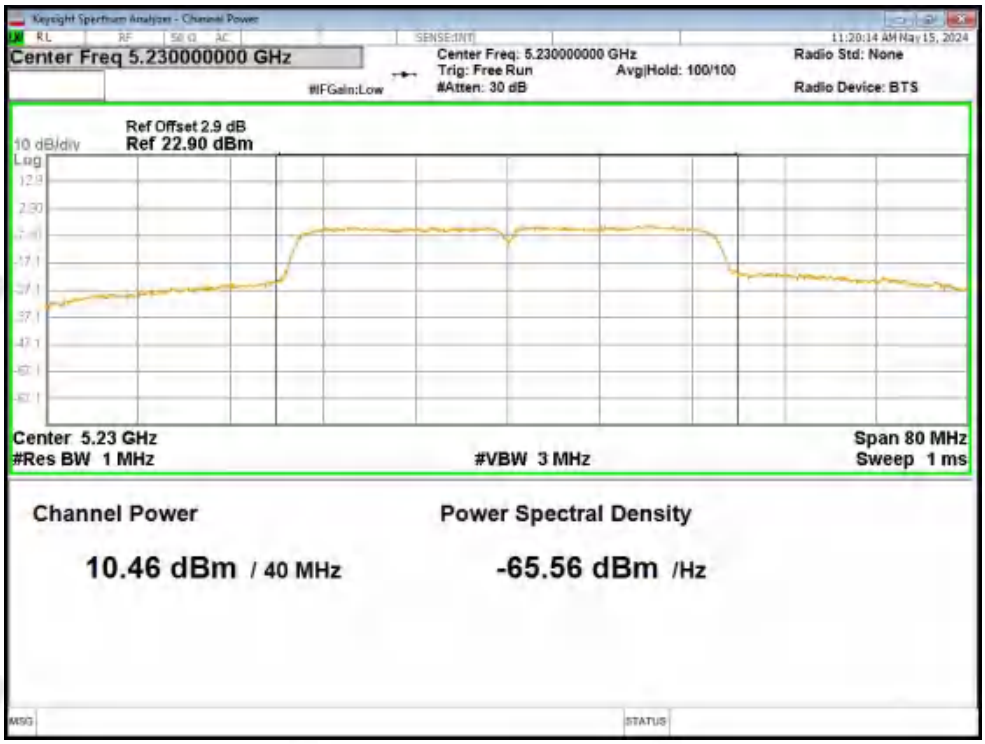
Power NVNT ac20 5240MHz Ant2



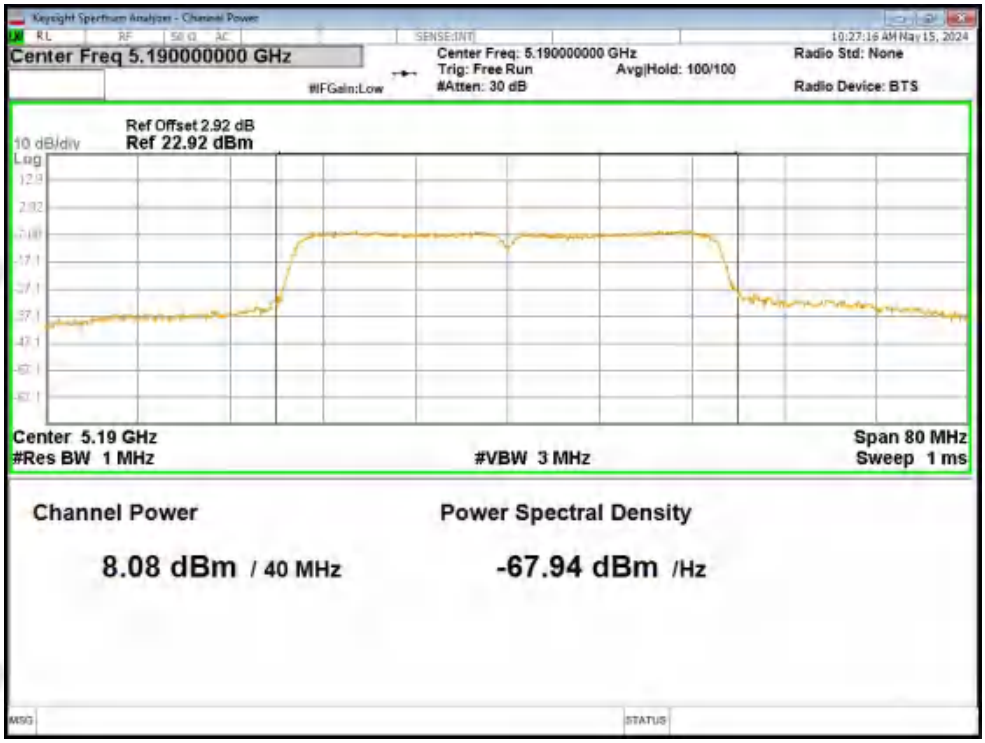
Power NVNT ac40 5190MHz Ant1



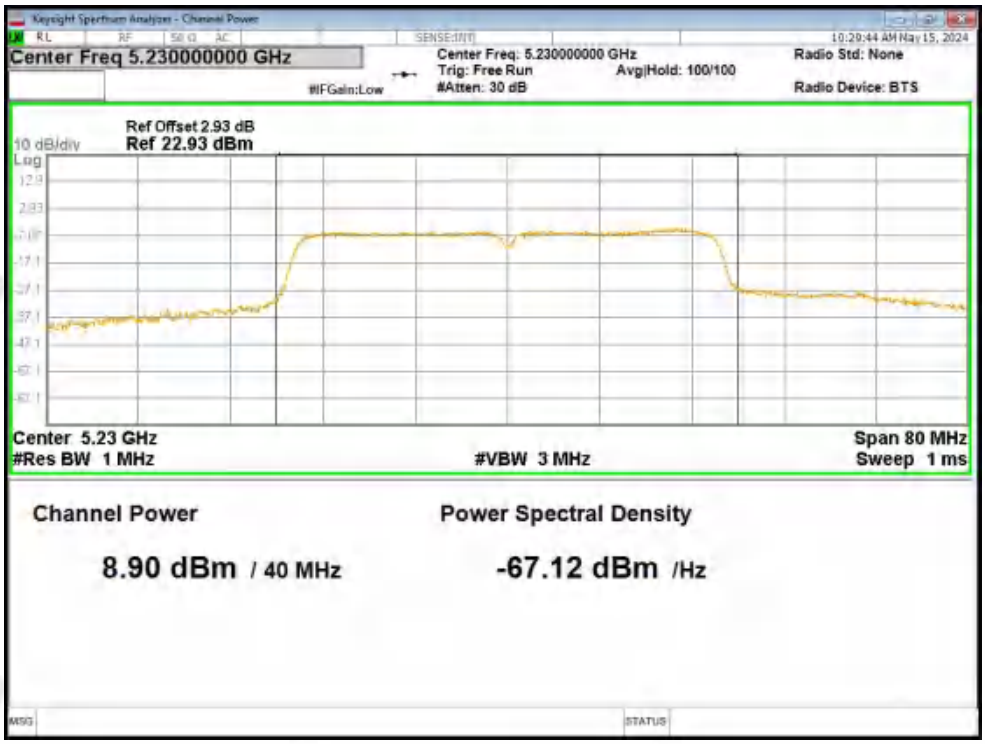
Power NVNT ac40 5230MHz Ant1



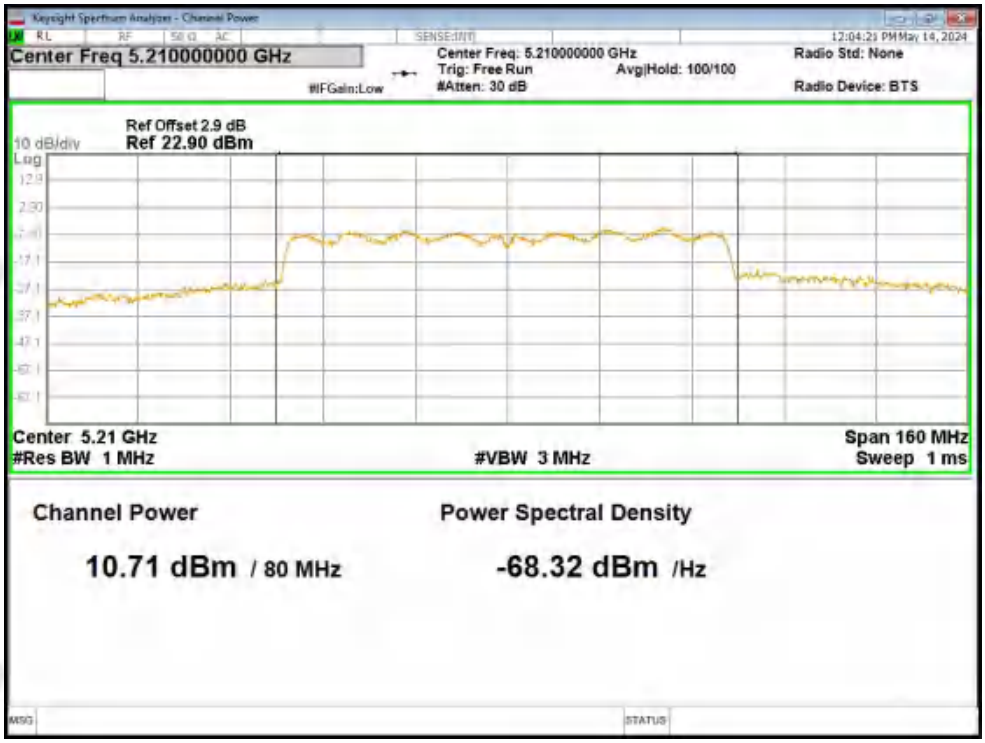
Power NVNT ac40 5190MHz Ant2



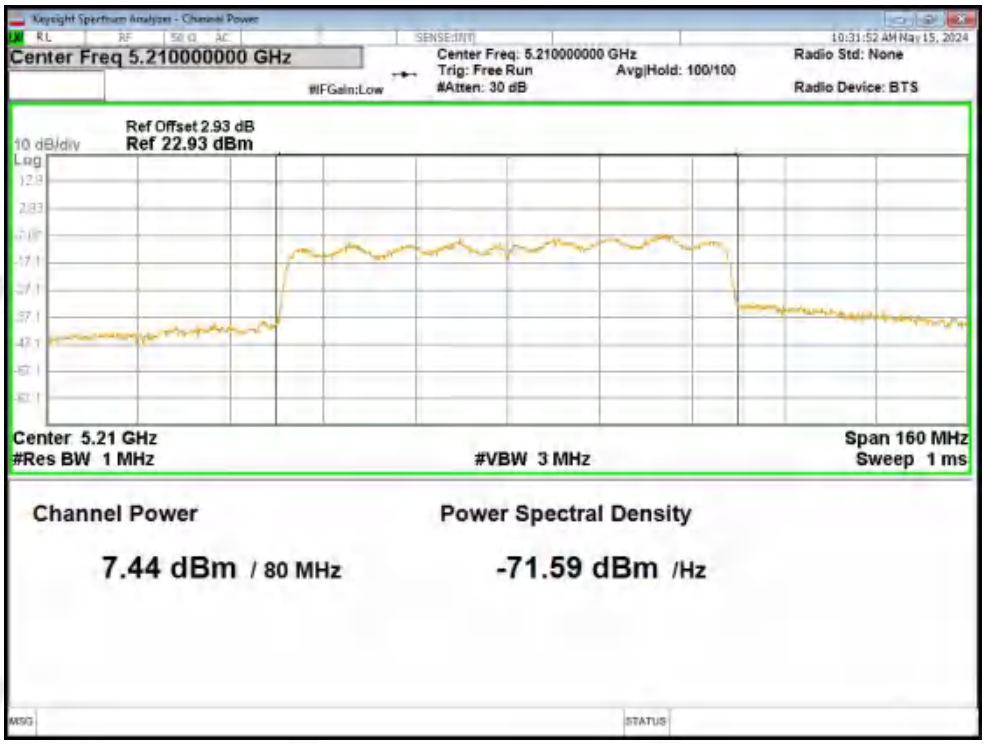
Power NVNT ac40 5230MHz Ant2



Power NVNT ac80 5210MHz Ant1



Power NVNT ac80 5210MHz Ant2

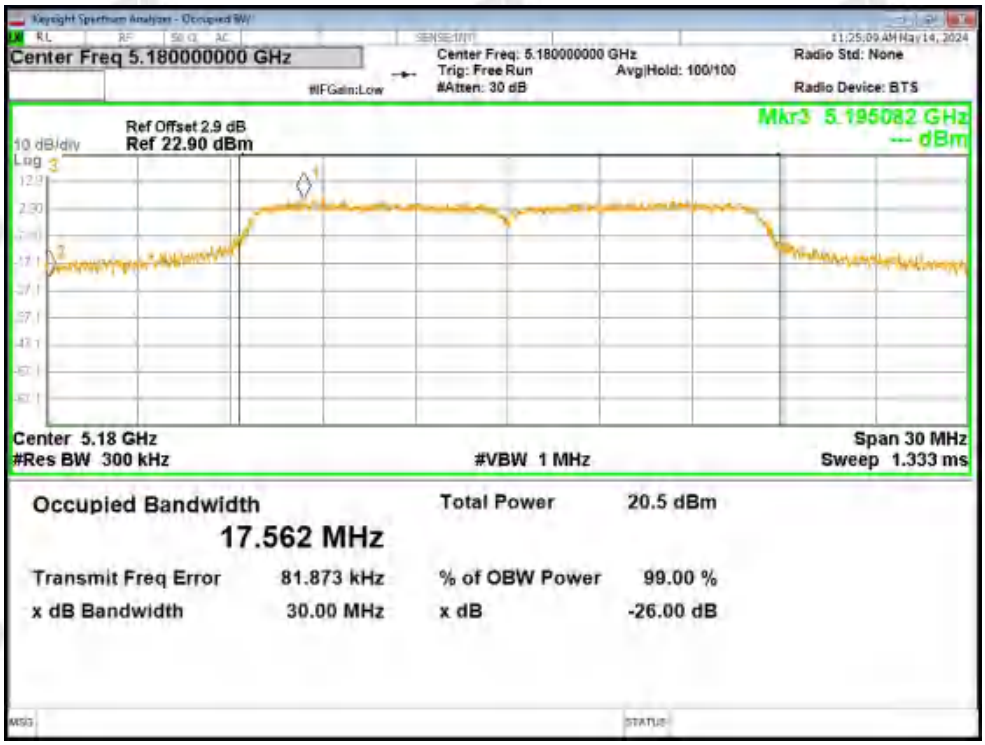


A3. -26dB Bandwidth

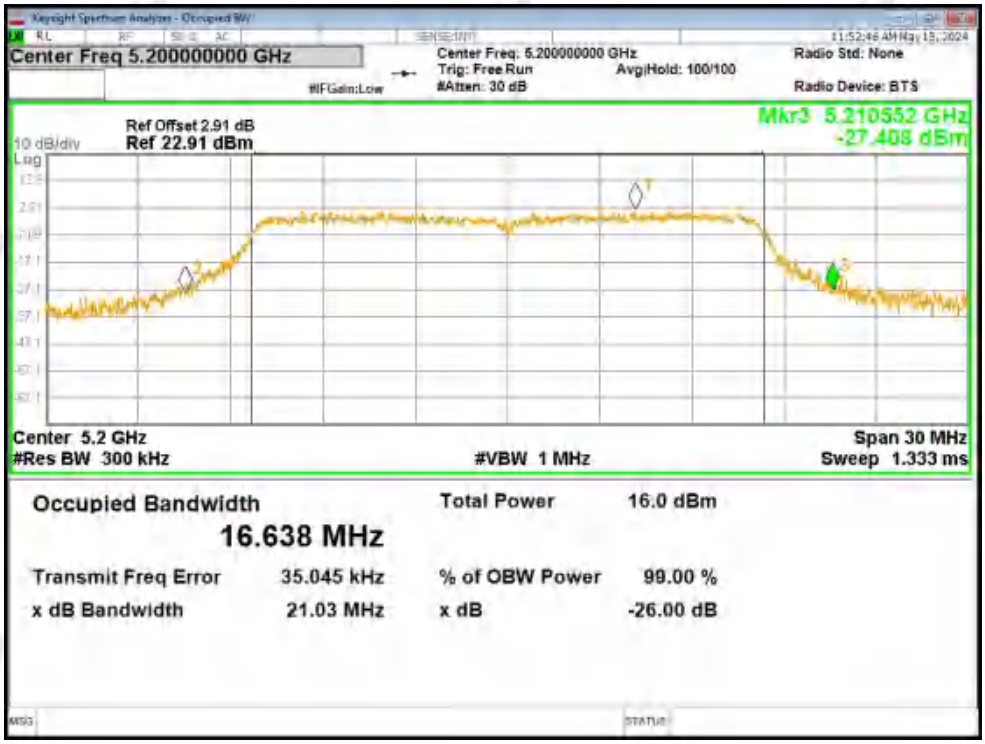
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	30	0.5	Pass
NVNT	a	5200	Ant1	21.034	0.5	Pass
NVNT	a	5240	Ant1	22.509	0.5	Pass
NVNT	a	5180	Ant2	29.959	0.5	Pass
NVNT	a	5200	Ant2	29.907	0.5	Pass
NVNT	a	5240	Ant2	30	0.5	Pass
NVNT	n20	5180	Ant1	21.251	0.5	Pass
NVNT	n20	5200	Ant1	20.883	0.5	Pass
NVNT	n20	5240	Ant1	20.792	0.5	Pass
NVNT	n20	5180	Ant2	29.806	0.5	Pass
NVNT	n20	5200	Ant2	30	0.5	Pass
NVNT	n20	5240	Ant2	30	0.5	Pass
NVNT	n40	5190	Ant1	40.793	0.5	Pass
NVNT	n40	5230	Ant1	51.26	0.5	Pass
NVNT	n40	5190	Ant2	54.624	0.5	Pass
NVNT	n40	5230	Ant2	55.935	0.5	Pass
NVNT	ac20	5180	Ant1	21.257	0.5	Pass
NVNT	ac20	5200	Ant1	21.227	0.5	Pass
NVNT	ac20	5240	Ant1	24.603	0.5	Pass
NVNT	ac20	5180	Ant2	22.65	0.5	Pass
NVNT	ac20	5200	Ant2	25.586	0.5	Pass
NVNT	ac20	5240	Ant2	28.982	0.5	Pass
NVNT	ac40	5190	Ant1	40.746	0.5	Pass
NVNT	ac40	5230	Ant1	50.069	0.5	Pass
NVNT	ac40	5190	Ant2	48.78	0.5	Pass
NVNT	ac40	5230	Ant2	53.836	0.5	Pass
NVNT	ac80	5210	Ant1	79.175	0.5	Pass
NVNT	ac80	5210	Ant2	100.214	0.5	Pass

Test Graphs

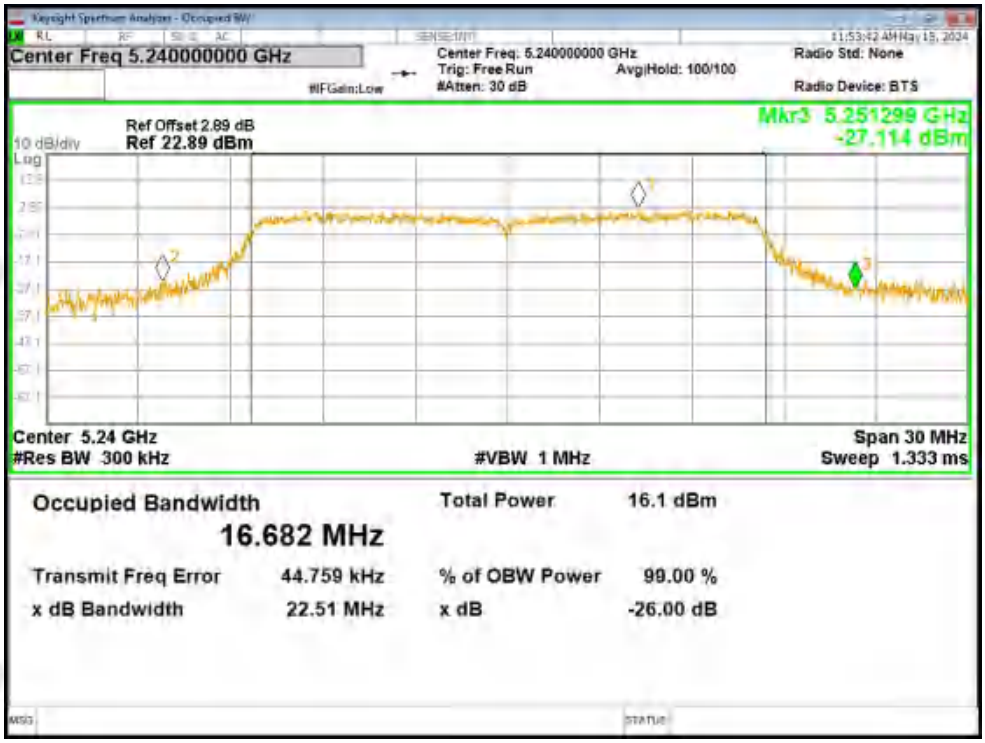
-26dB Bandwidth NVNT a 5180MHz Ant1



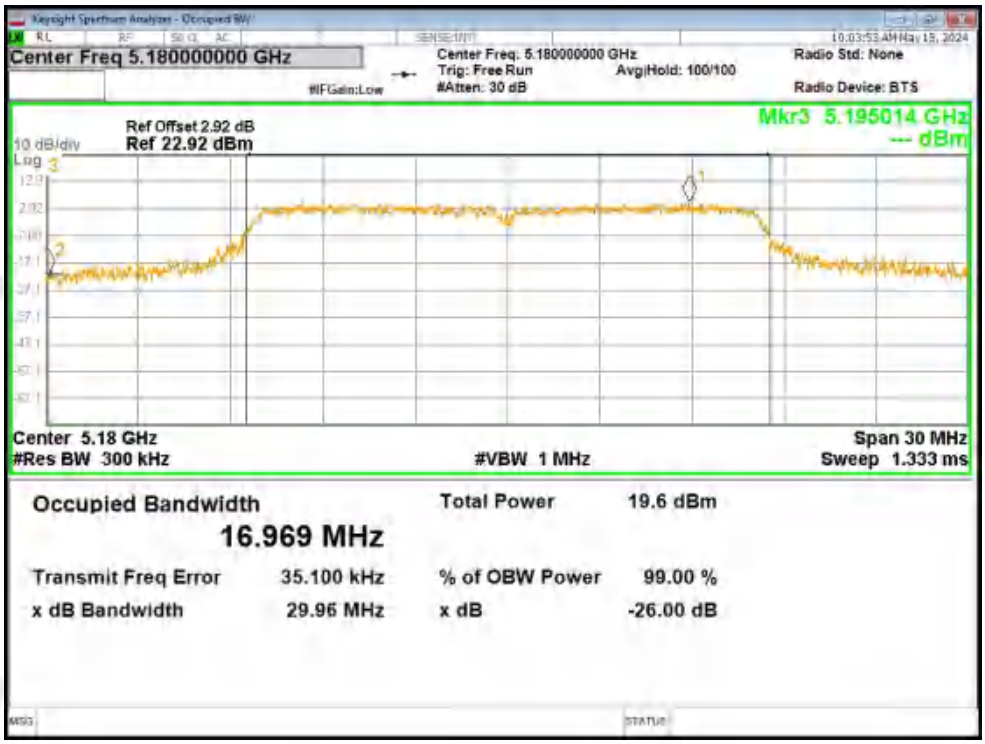
-26dB Bandwidth NVNT a 5200MHz Ant1



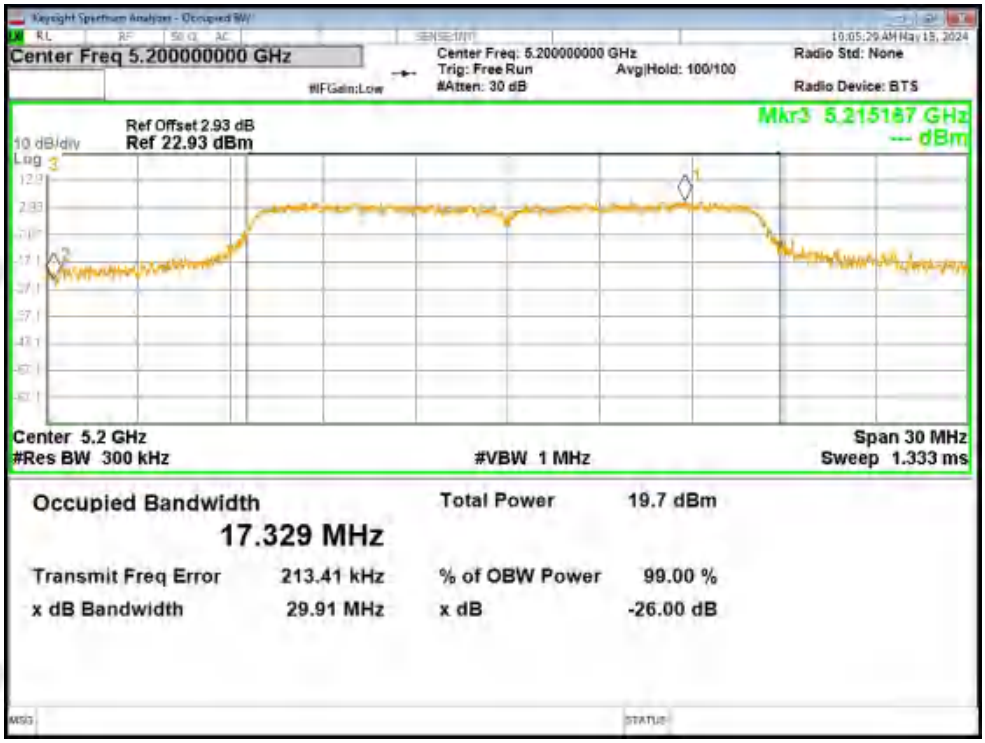
-26dB Bandwidth NVNT a 5240MHz Ant1



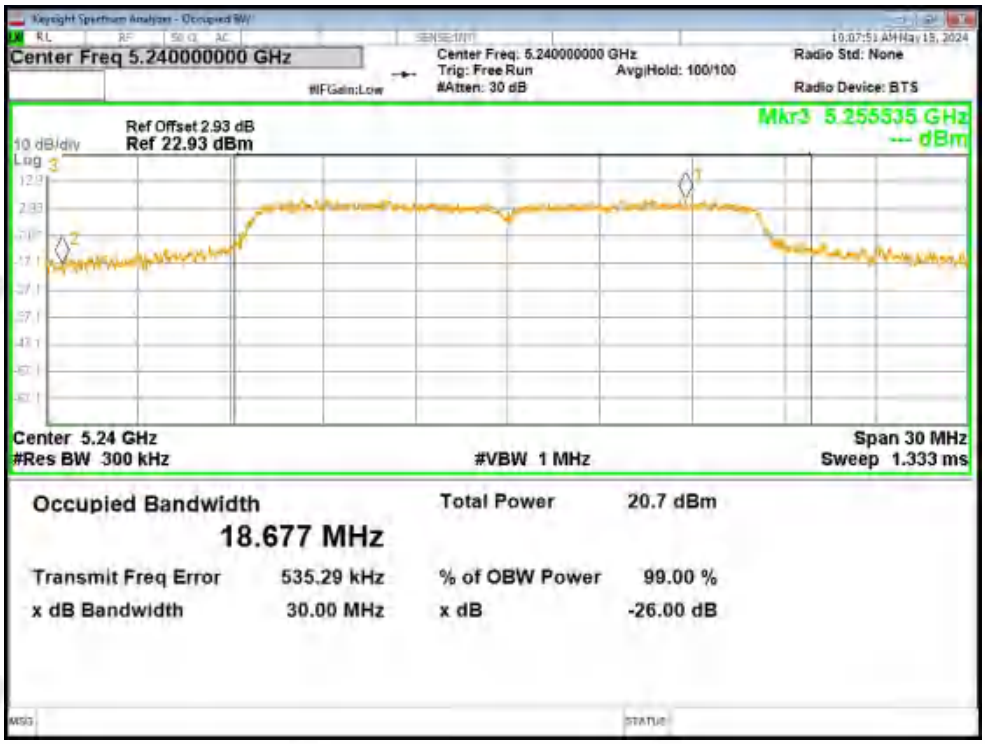
-26dB Bandwidth NVNT a 5180MHz Ant2



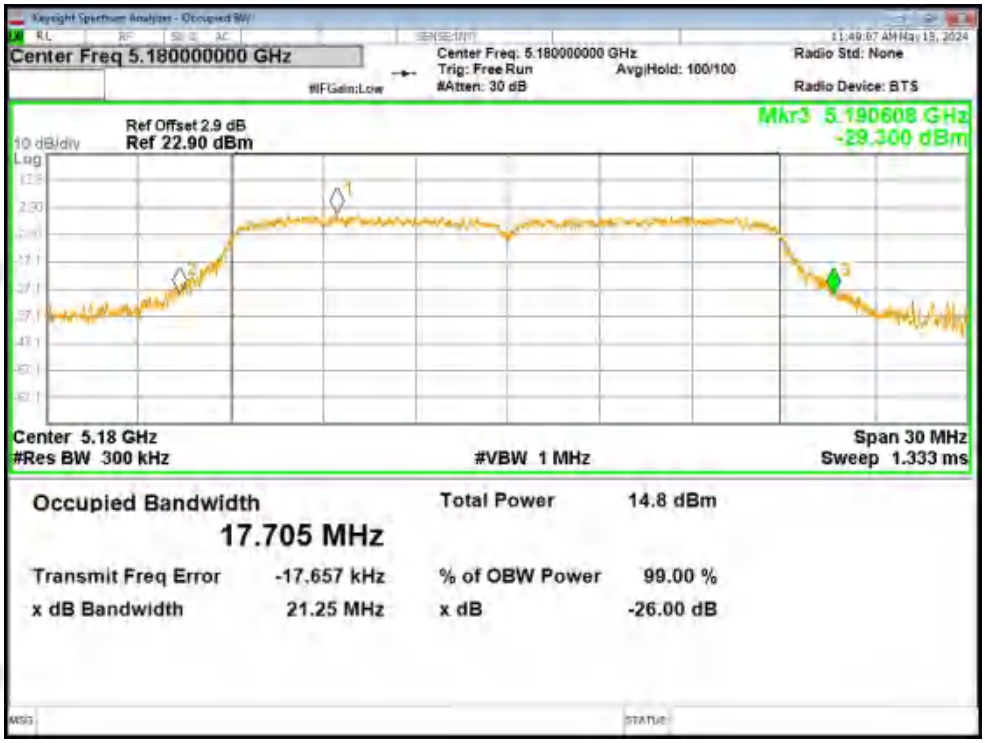
-26dB Bandwidth NVNT a 5200MHz Ant2



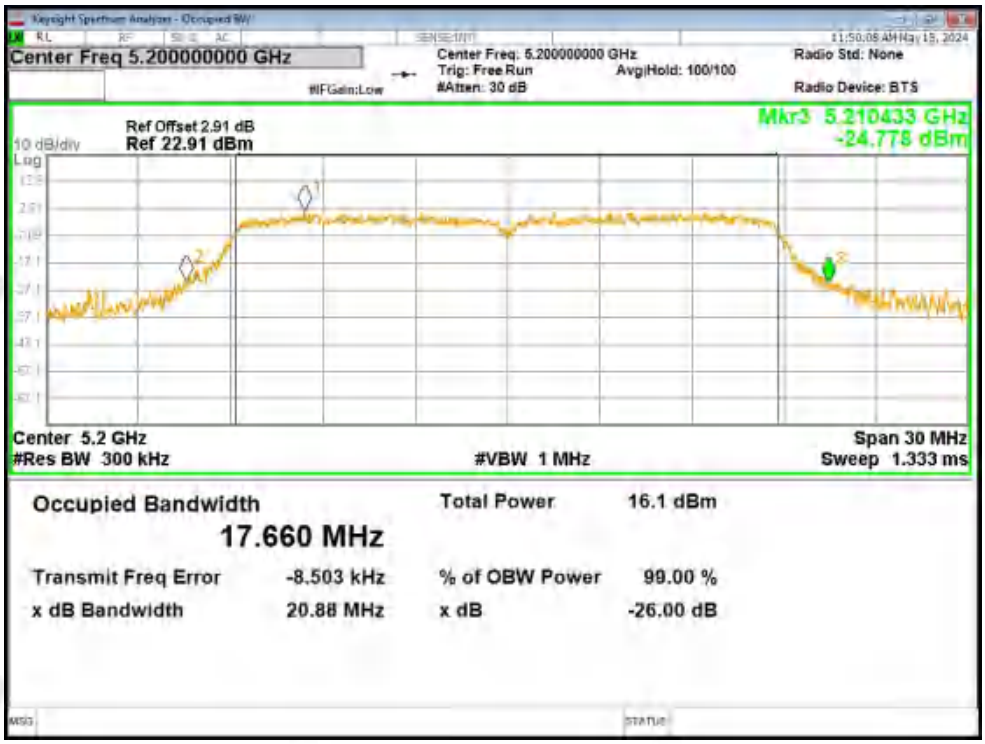
-26dB Bandwidth NVNT a 5240MHz Ant2



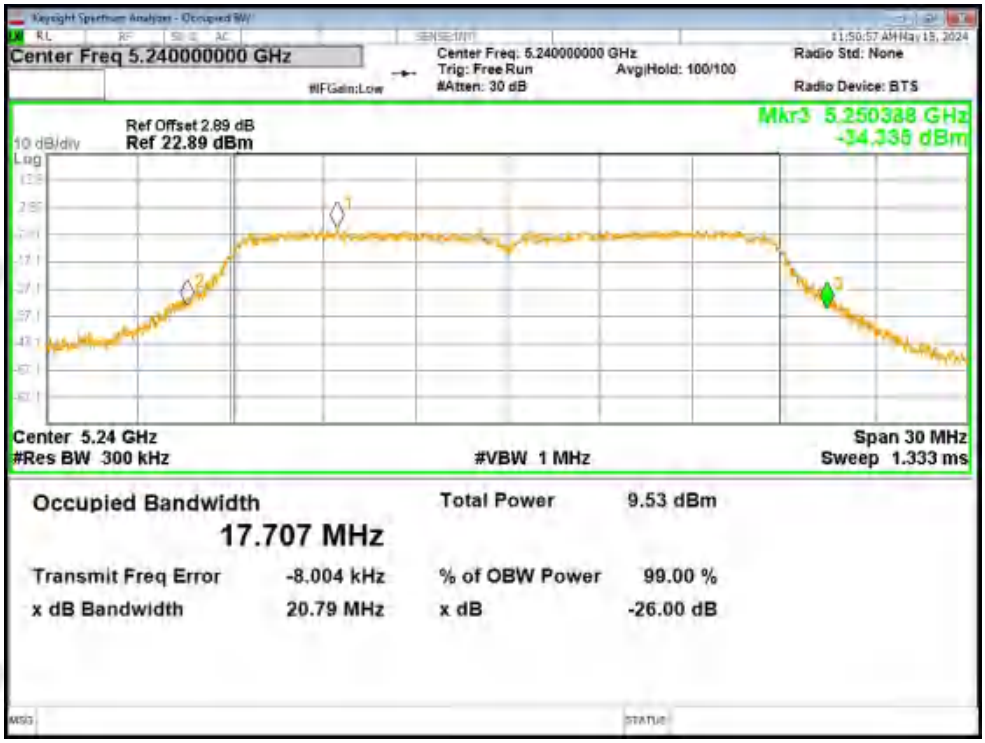
-26dB Bandwidth NVNT n20 5180MHz Ant1



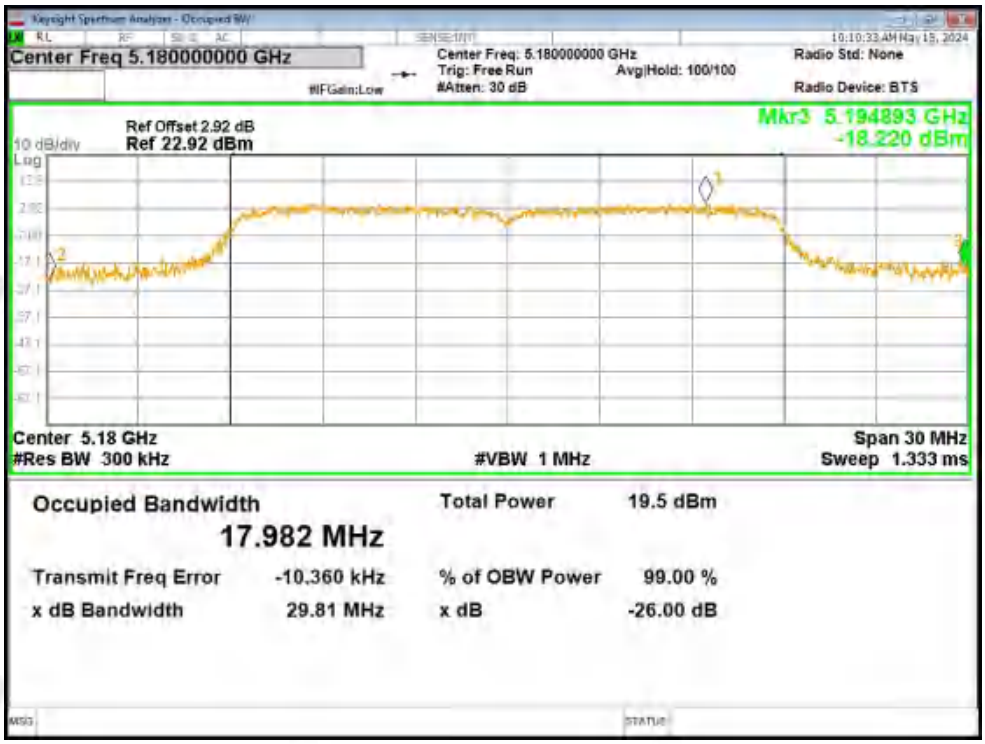
-26dB Bandwidth NVNT n20 5200MHz Ant1



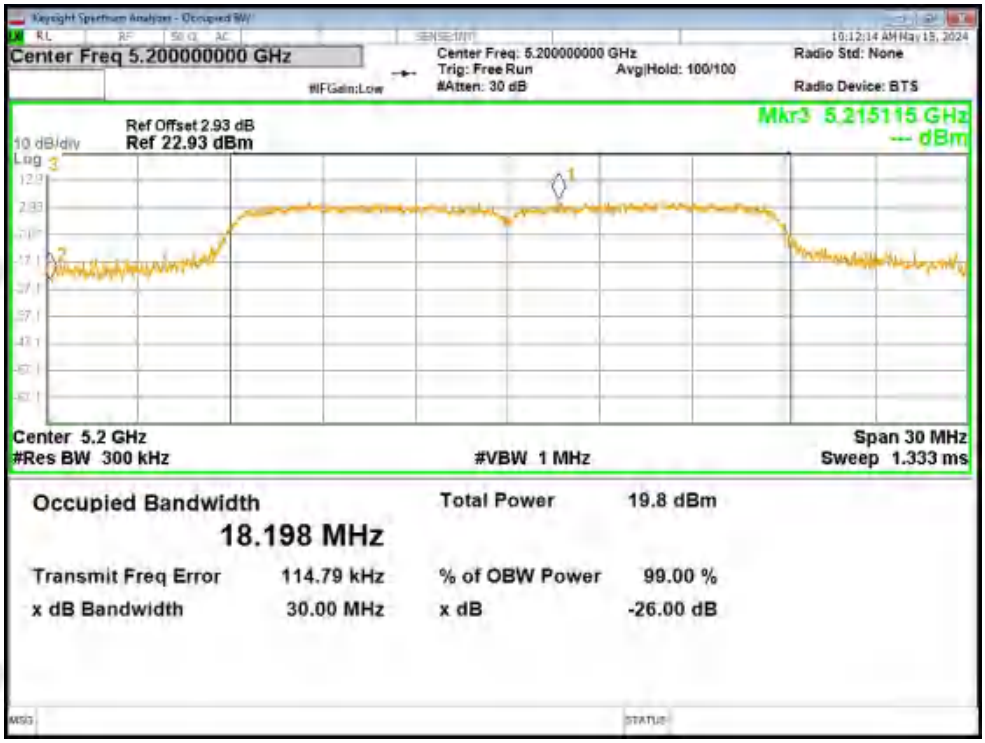
-26dB Bandwidth NVNT n20 5240MHz Ant1



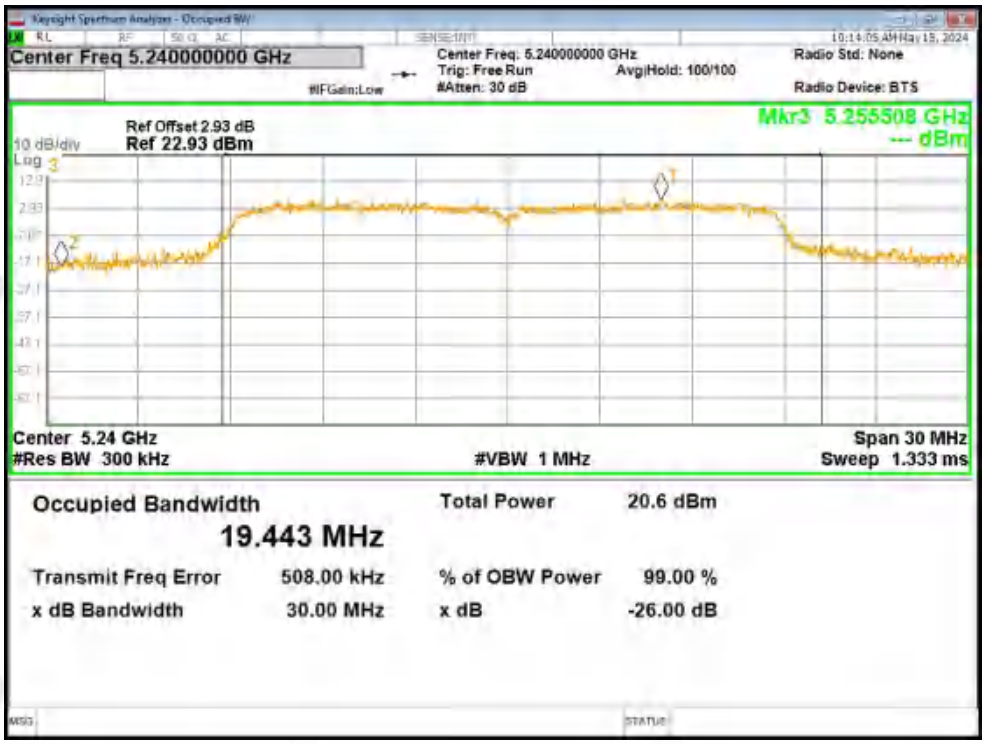
-26dB Bandwidth NVNT n20 5180MHz Ant2



-26dB Bandwidth NVNT n20 5200MHz Ant2

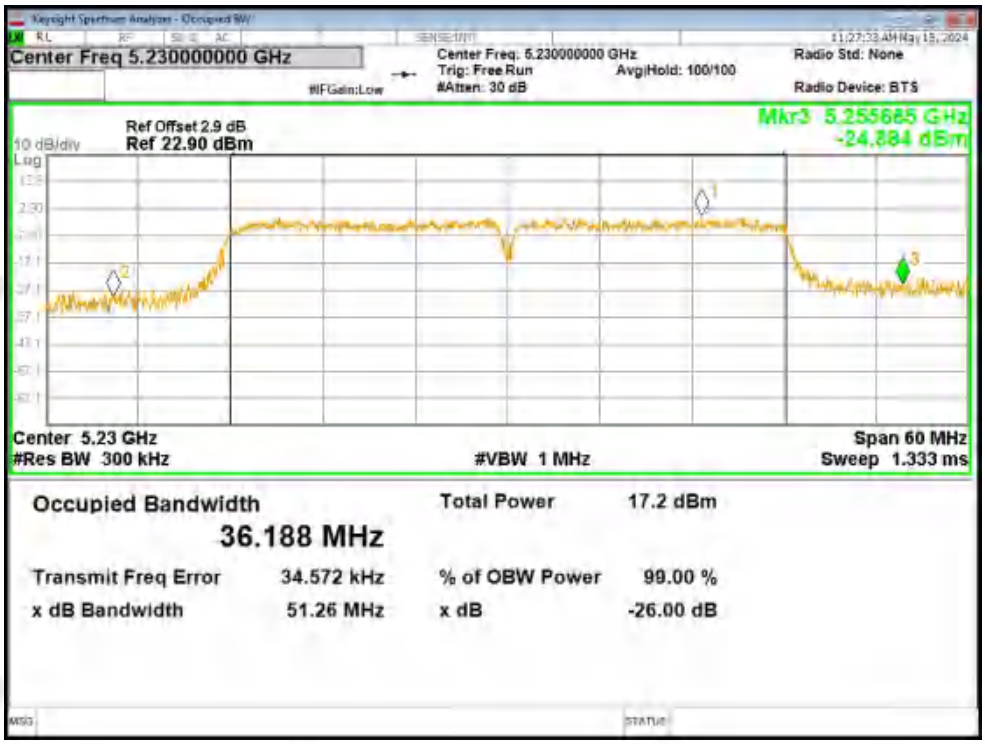


-26dB Bandwidth NVNT n20 5240MHz Ant2

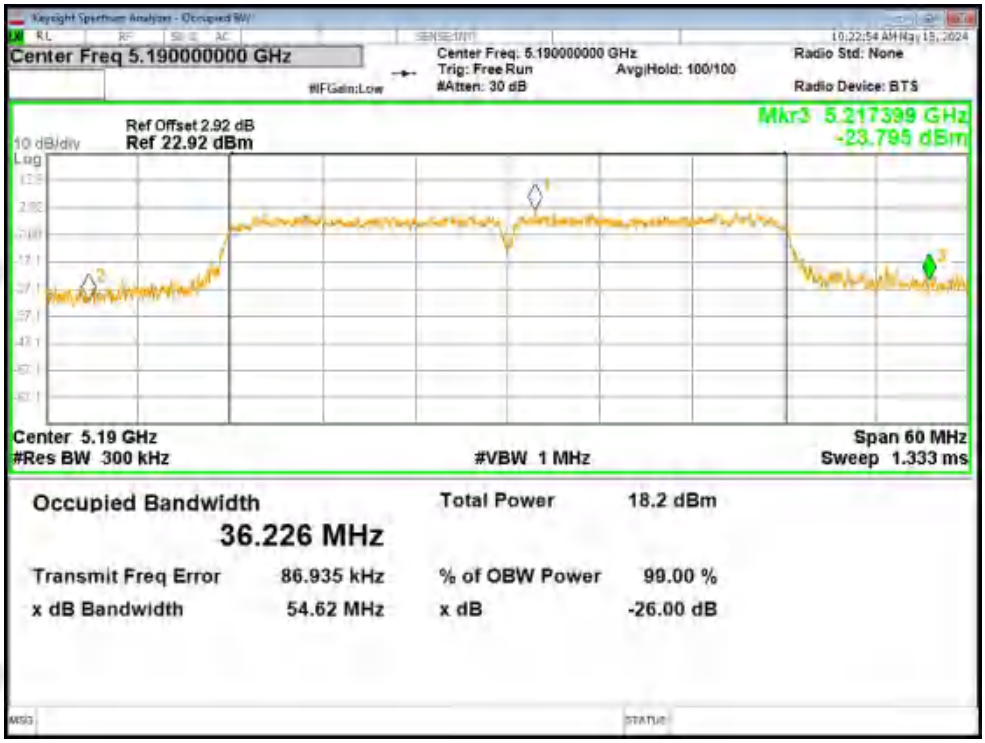


-26dB Bandwidth NVNT n40 5190MHz Ant1

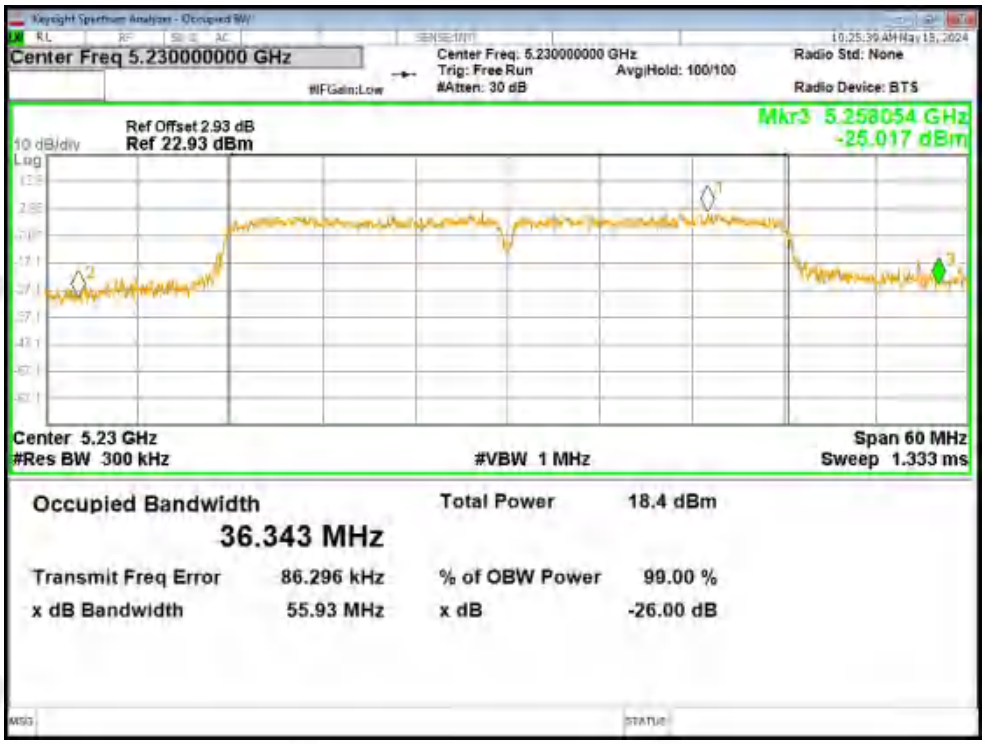
-26dB Bandwidth NVNT n40 5230MHz Ant1



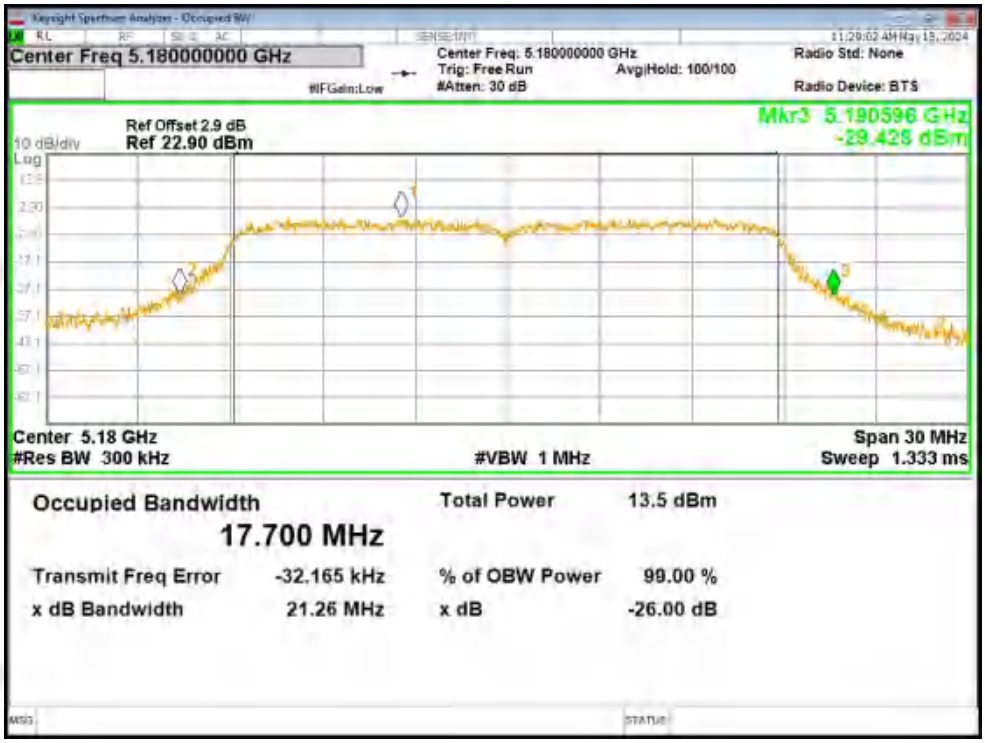
-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2

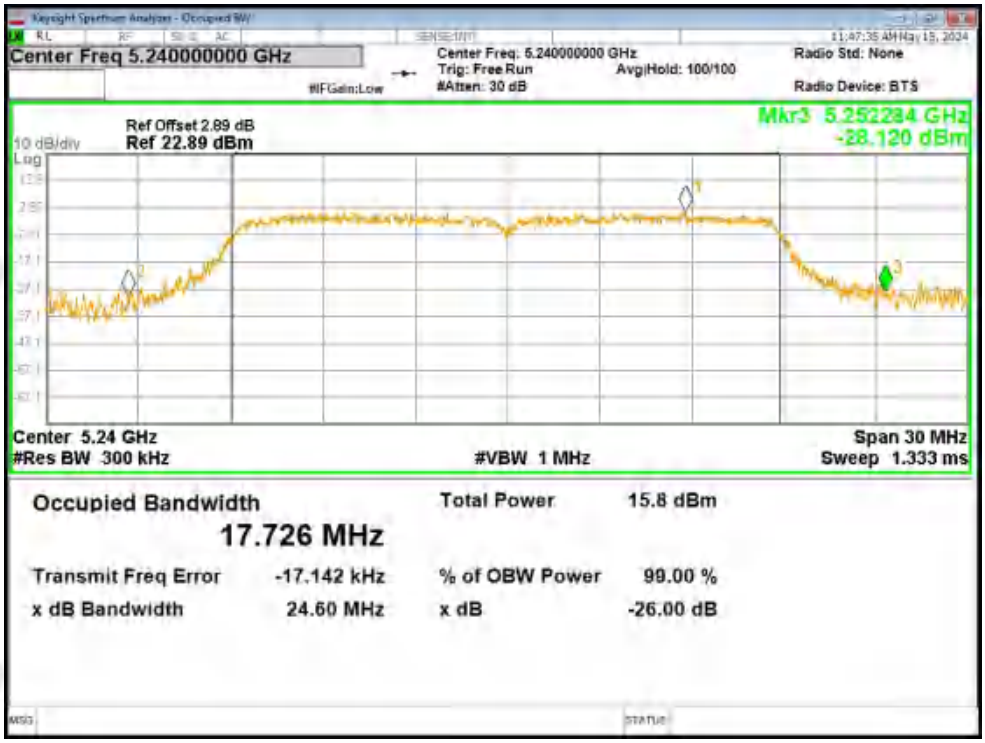


-26dB Bandwidth NVNT ac20 5180MHz Ant1

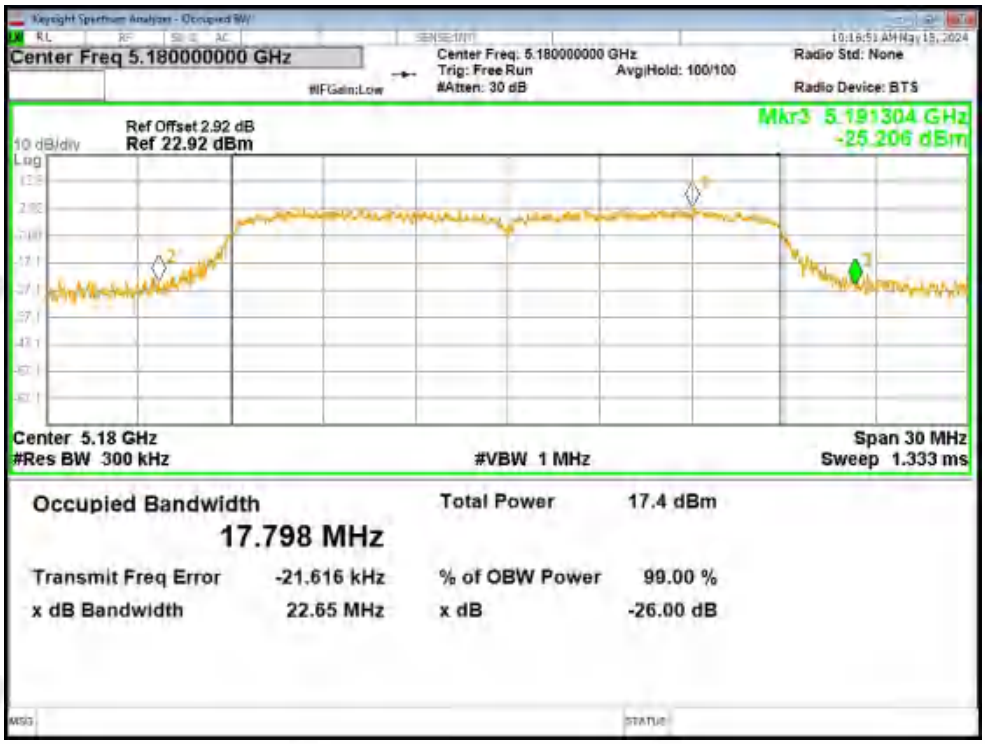


-26dB Bandwidth NVNT ac20 5200MHz Ant1

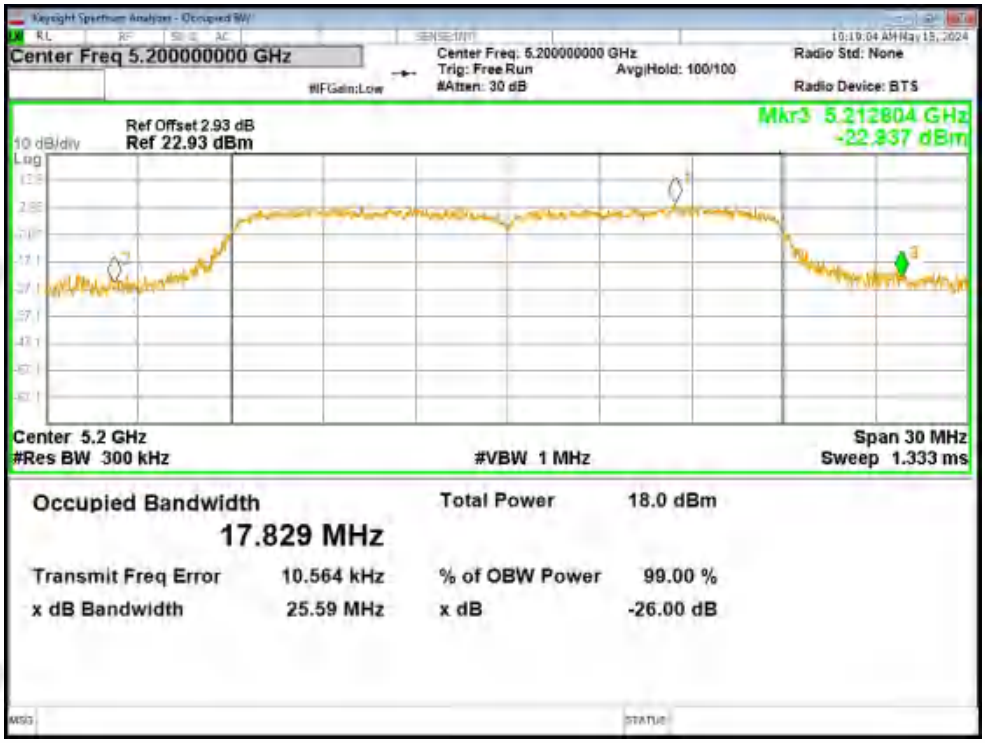
-26dB Bandwidth NVNT ac20 5240MHz Ant1



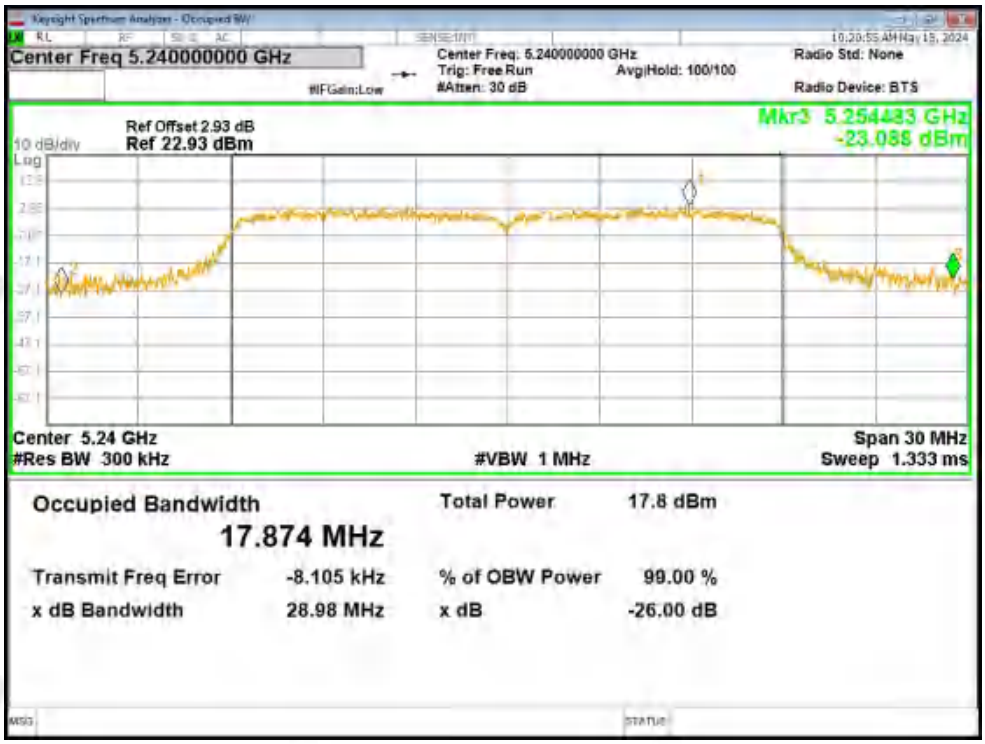
-26dB Bandwidth NVNT ac20 5180MHz Ant2



-26dB Bandwidth NVNT ac20 5200MHz Ant2

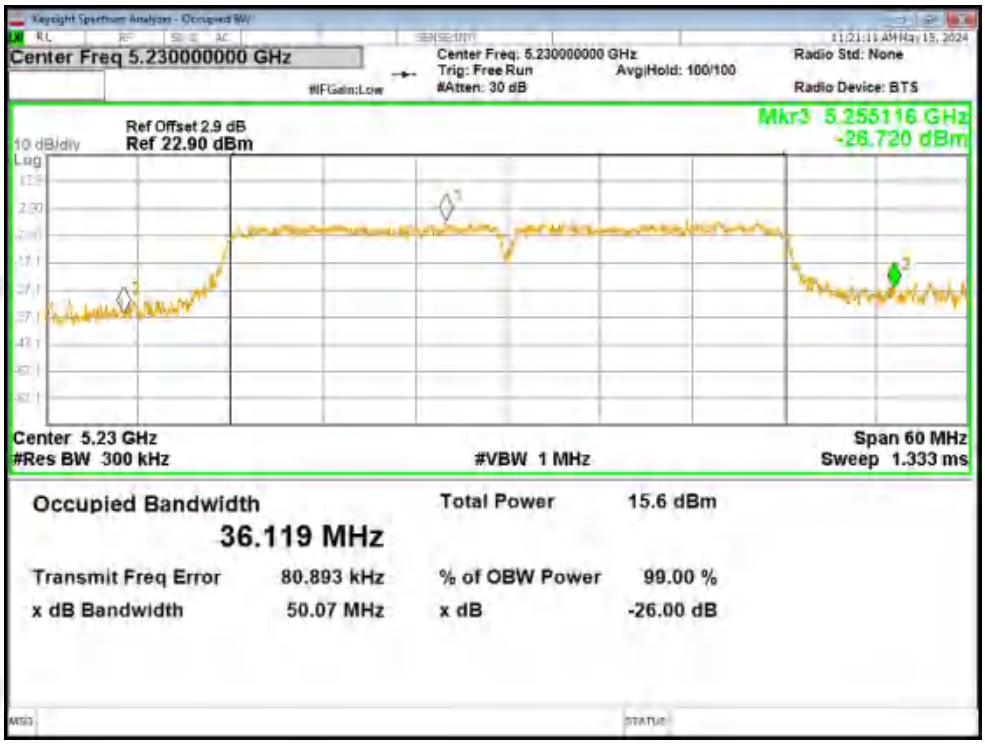


-26dB Bandwidth NVNT ac20 5240MHz Ant2

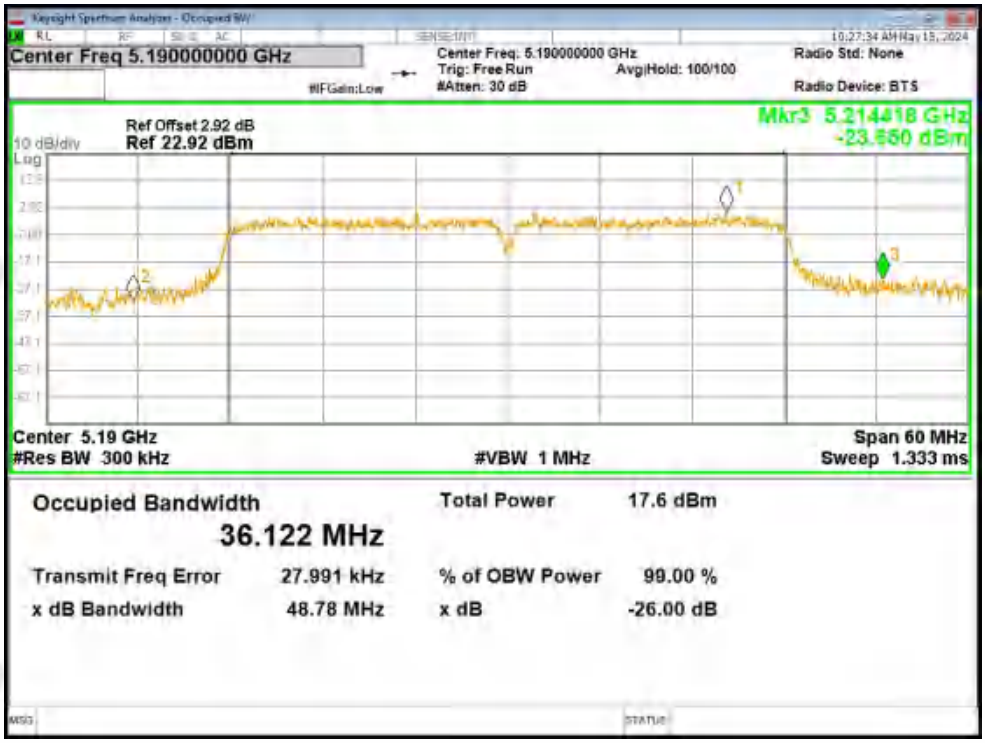


-26dB Bandwidth NVNT ac40 5190MHz Ant1

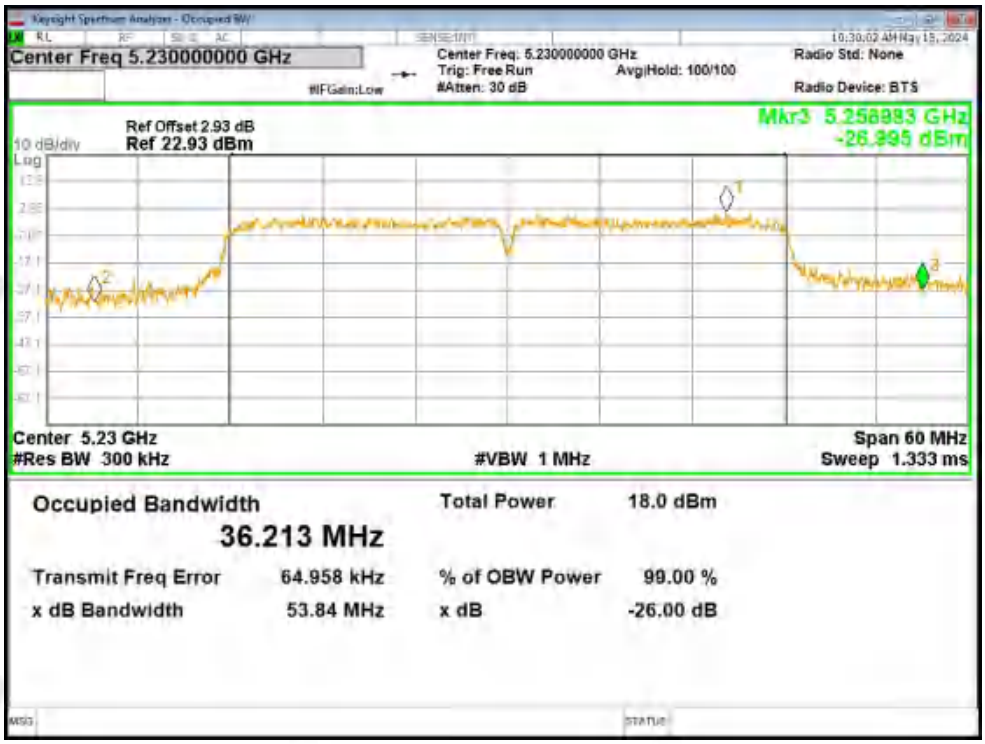
-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant2

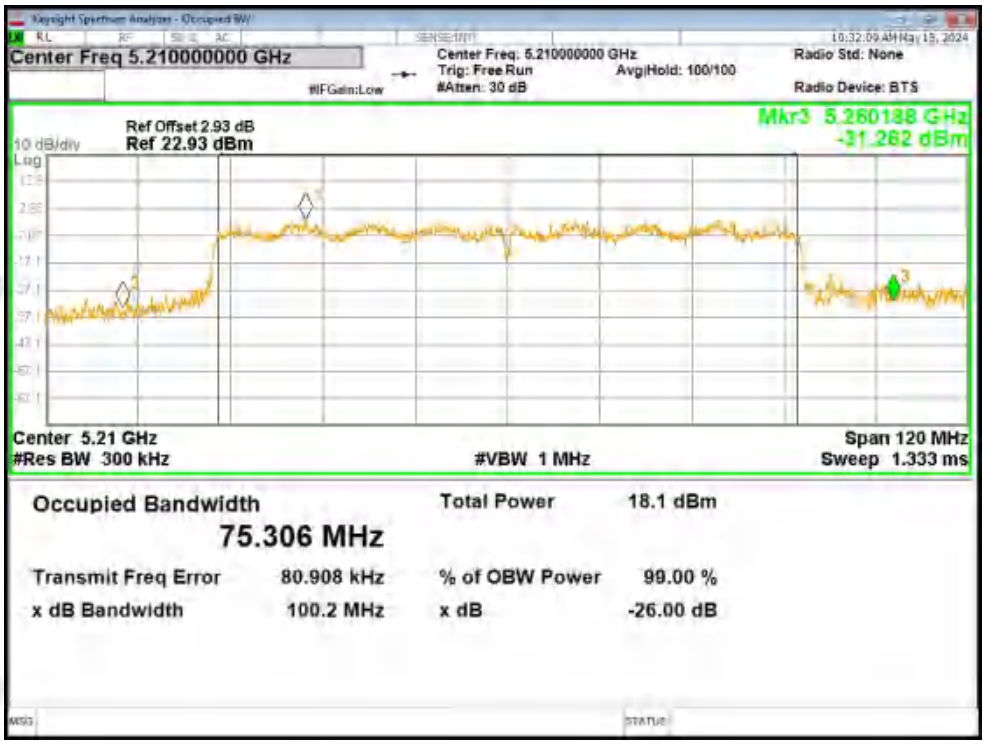


-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1

-26dB Bandwidth NVNT ac80 5210MHz Ant2

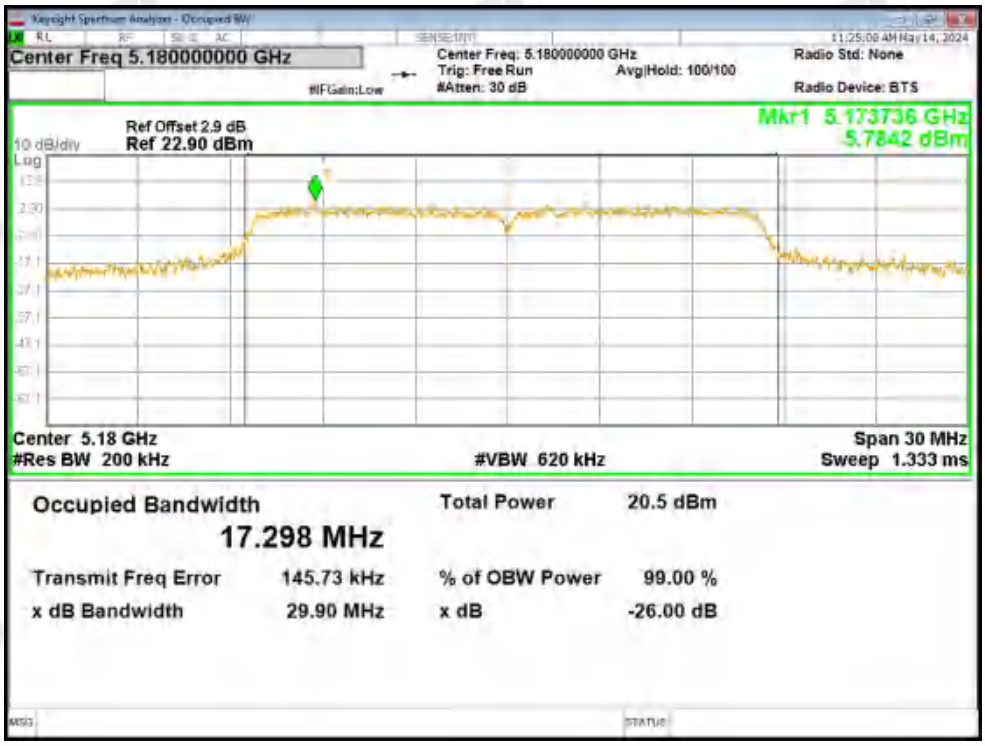


A4. Occupied Channel Bandwidth

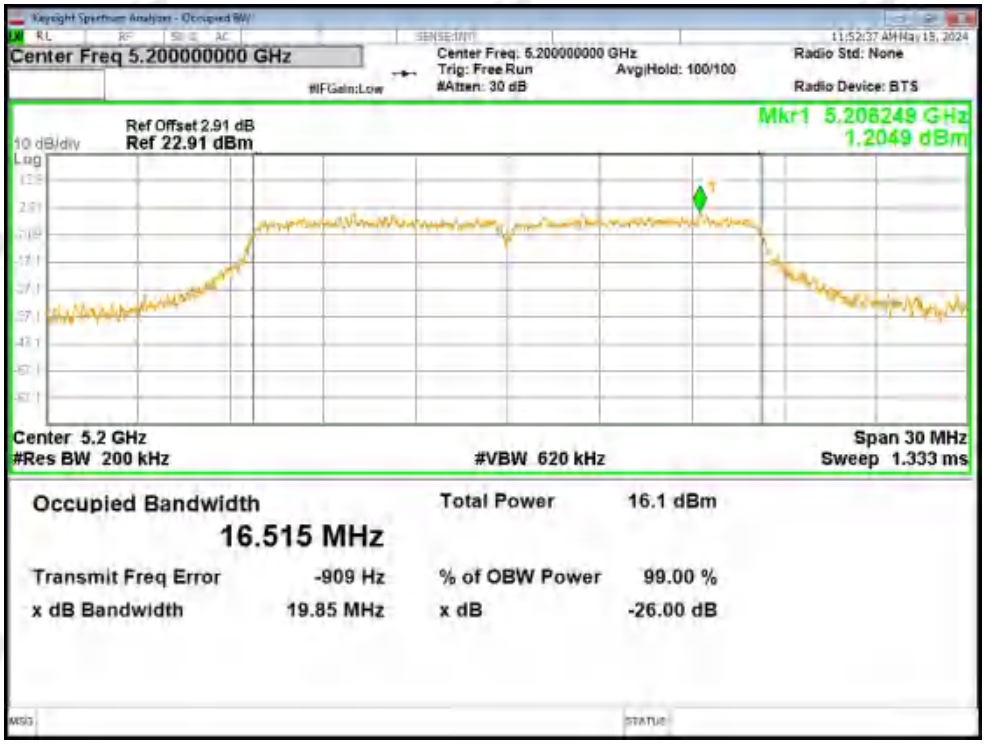
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.298
NVNT	a	5200	Ant1	16.515
NVNT	a	5240	Ant1	16.509
NVNT	a	5180	Ant2	16.773
NVNT	a	5200	Ant2	17.139
NVNT	a	5240	Ant2	18.605
NVNT	n20	5180	Ant1	17.6
NVNT	n20	5200	Ant1	17.59
NVNT	n20	5240	Ant1	17.58
NVNT	n20	5180	Ant2	17.82
NVNT	n20	5200	Ant2	18.01
NVNT	n20	5240	Ant2	19.482
NVNT	n40	5190	Ant1	36.091
NVNT	n40	5230	Ant1	36.212
NVNT	n40	5190	Ant2	36.398
NVNT	n40	5230	Ant2	36.507
NVNT	ac20	5180	Ant1	17.602
NVNT	ac20	5200	Ant1	17.579
NVNT	ac20	5240	Ant1	17.625
NVNT	ac20	5180	Ant2	17.667
NVNT	ac20	5200	Ant2	17.7
NVNT	ac20	5240	Ant2	17.756
NVNT	ac40	5190	Ant1	36.077
NVNT	ac40	5230	Ant1	36.263
NVNT	ac40	5190	Ant2	36.202
NVNT	ac40	5230	Ant2	36.351
NVNT	ac80	5210	Ant1	75.35
NVNT	ac80	5210	Ant2	75.732

Test Graphs

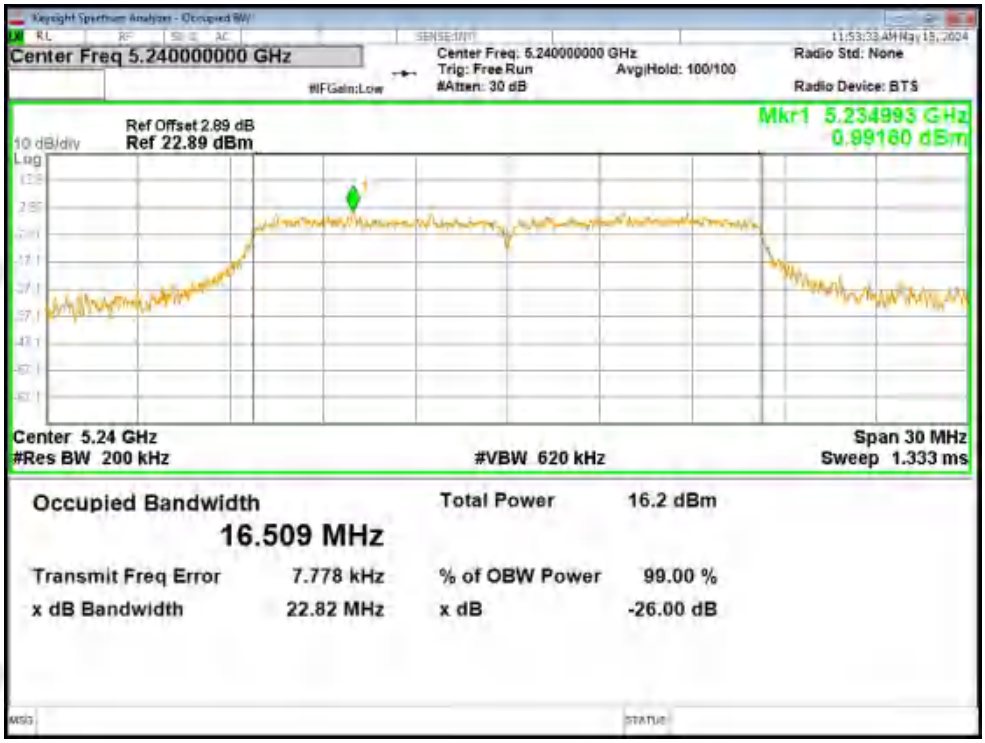
OBW NVNT a 5180MHz Ant1



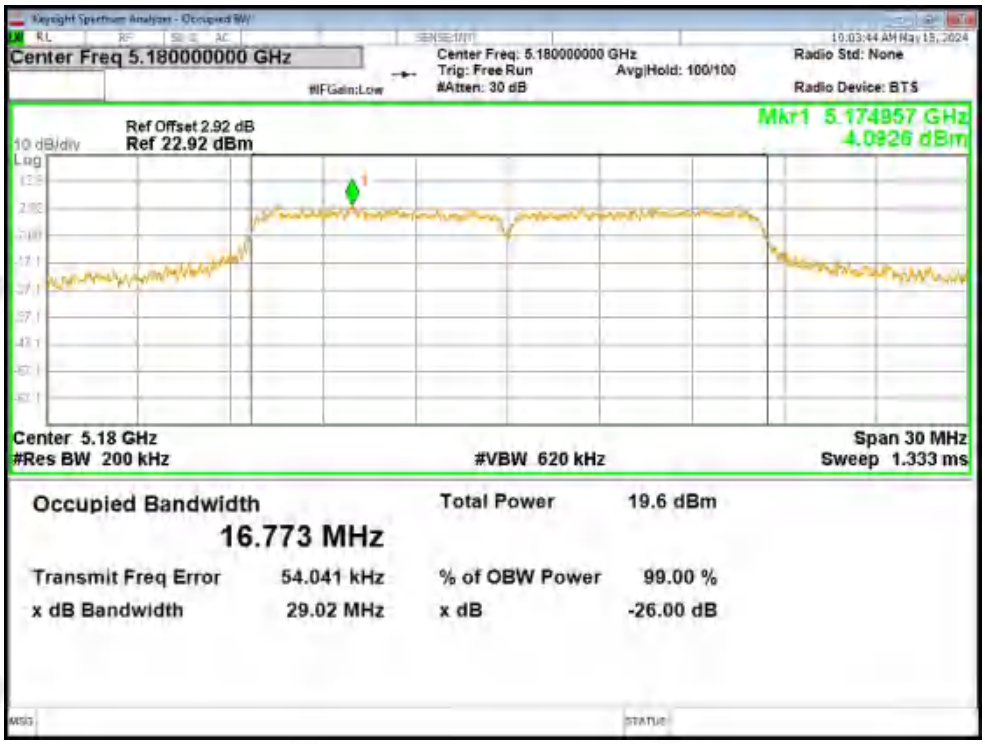
OBW NVNT a 5200MHz Ant1



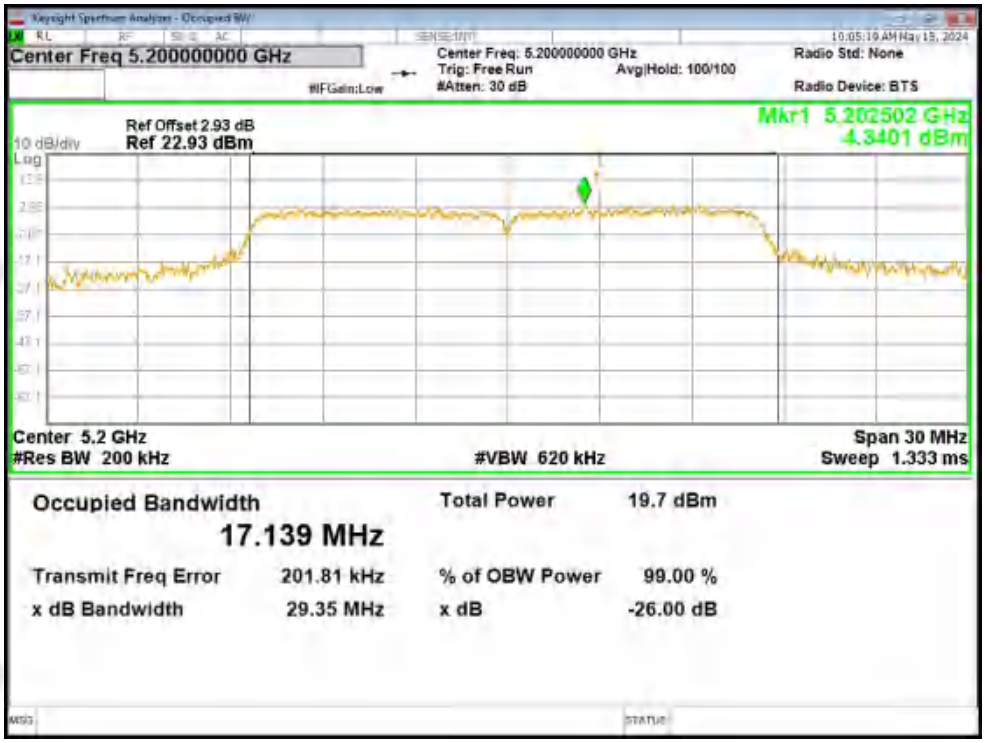
OBW NVNT a 5240MHz Ant1



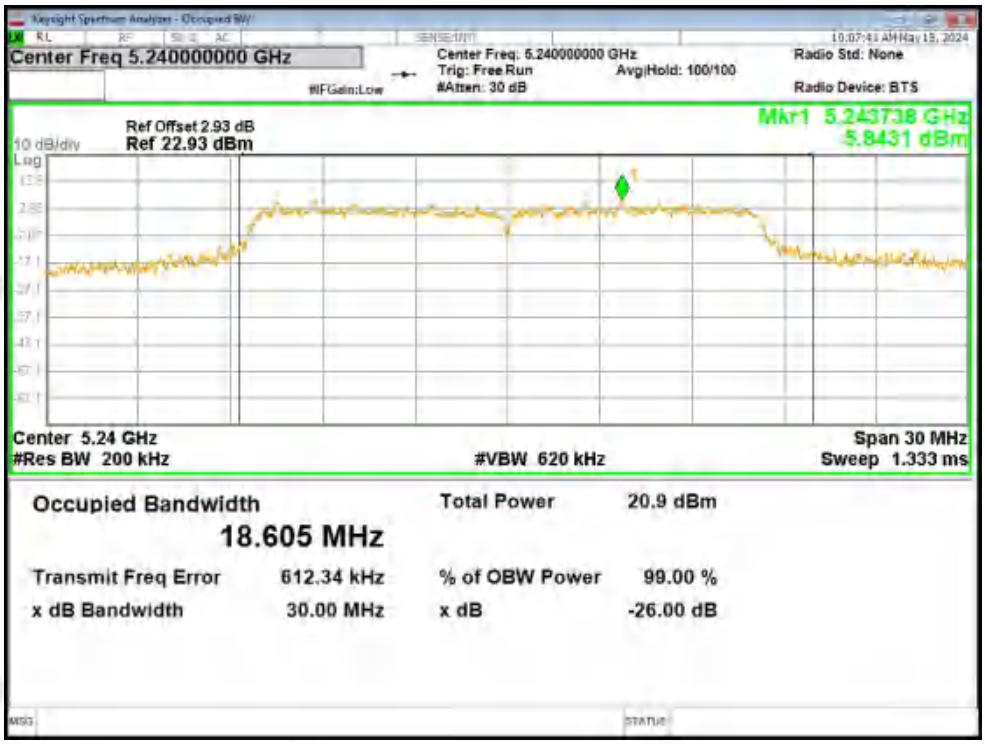
OBW NVNT a 5180MHz Ant2



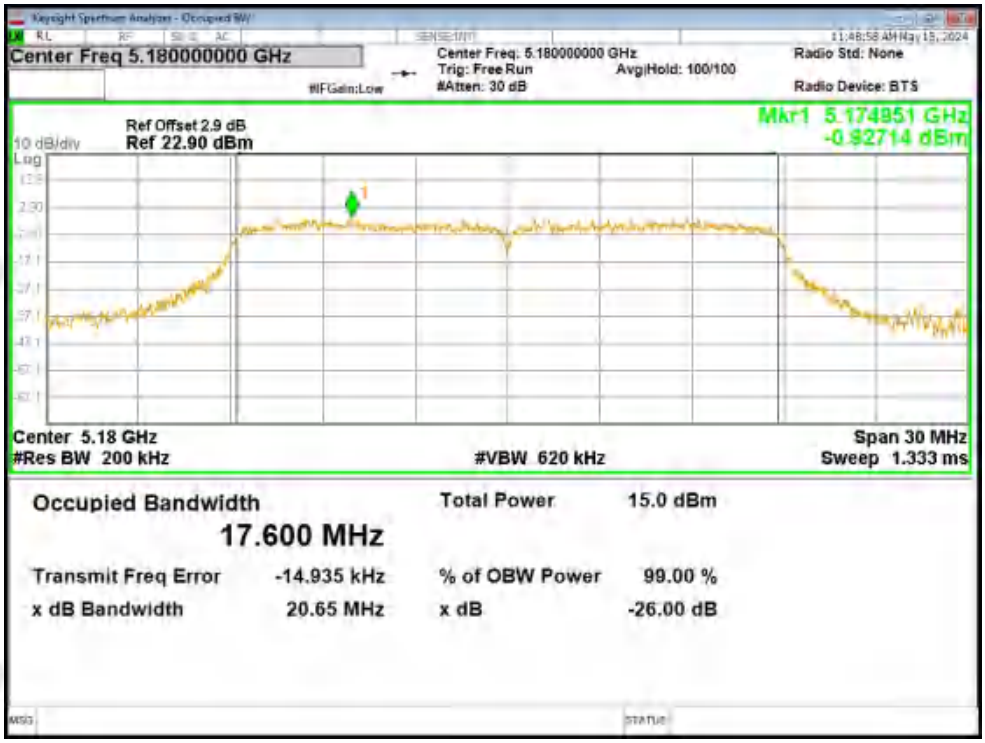
OBW NVNT a 5200MHz Ant2



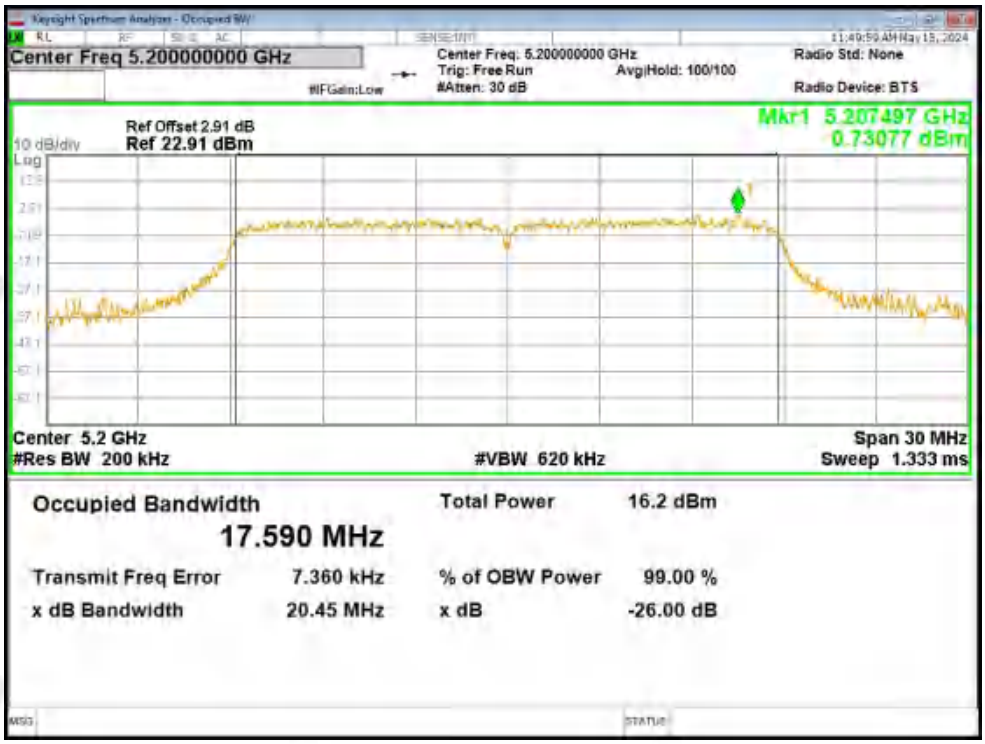
OBW NVNT a 5240MHz Ant2



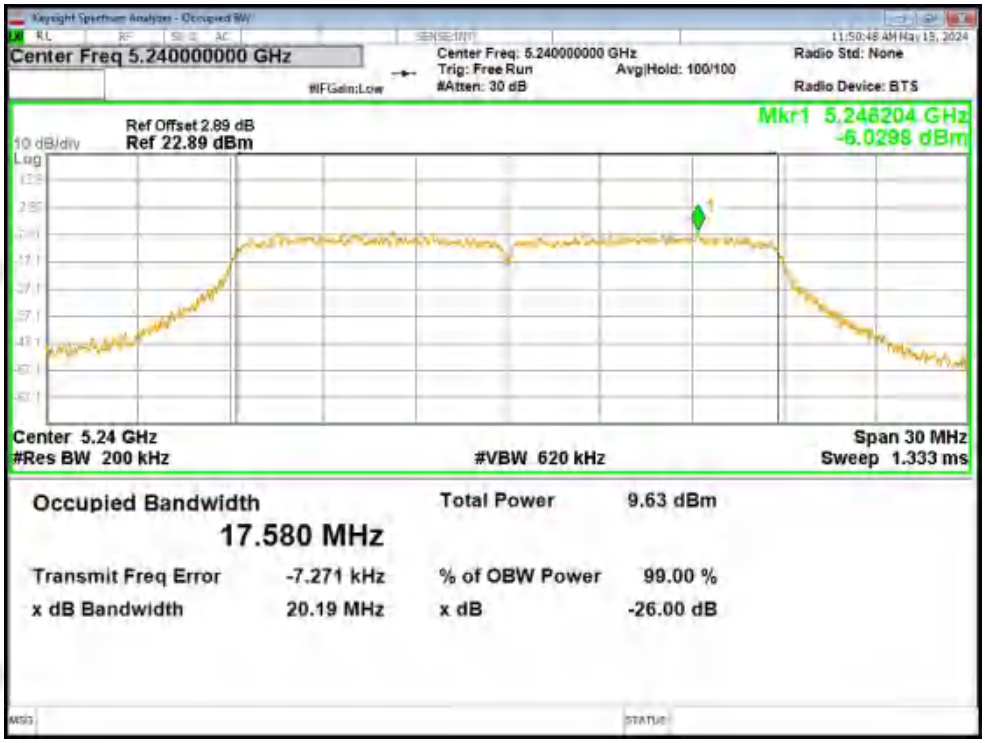
OBW NVNT n20 5180MHz Ant1



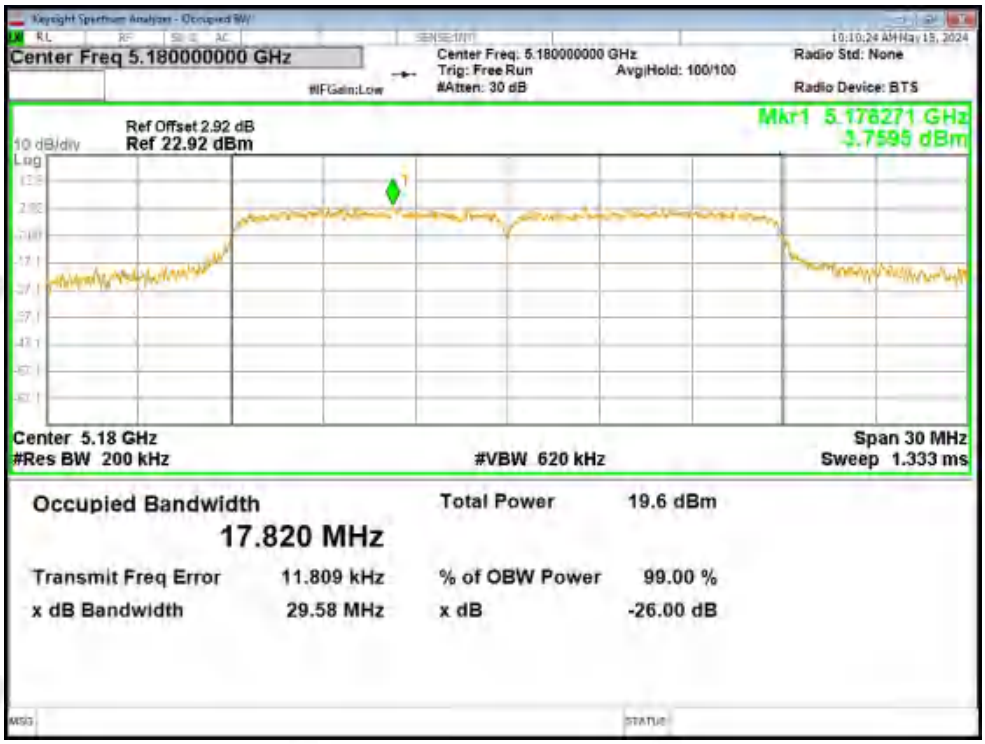
OBW NVNT n20 5200MHz Ant1



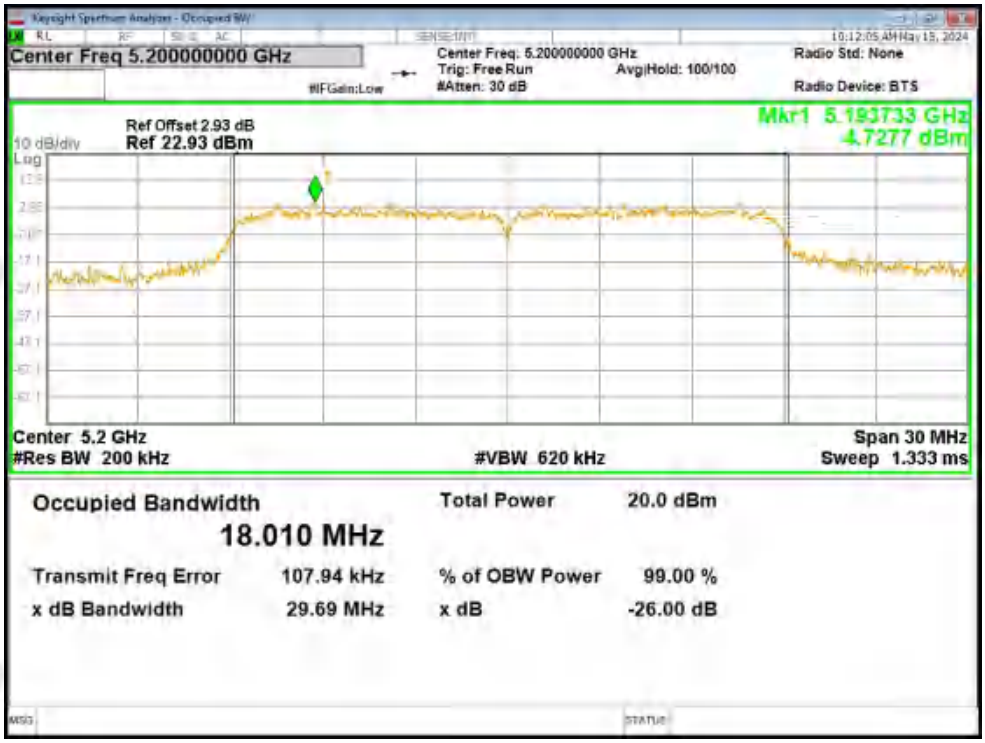
OBW NVNT n20 5240MHz Ant1



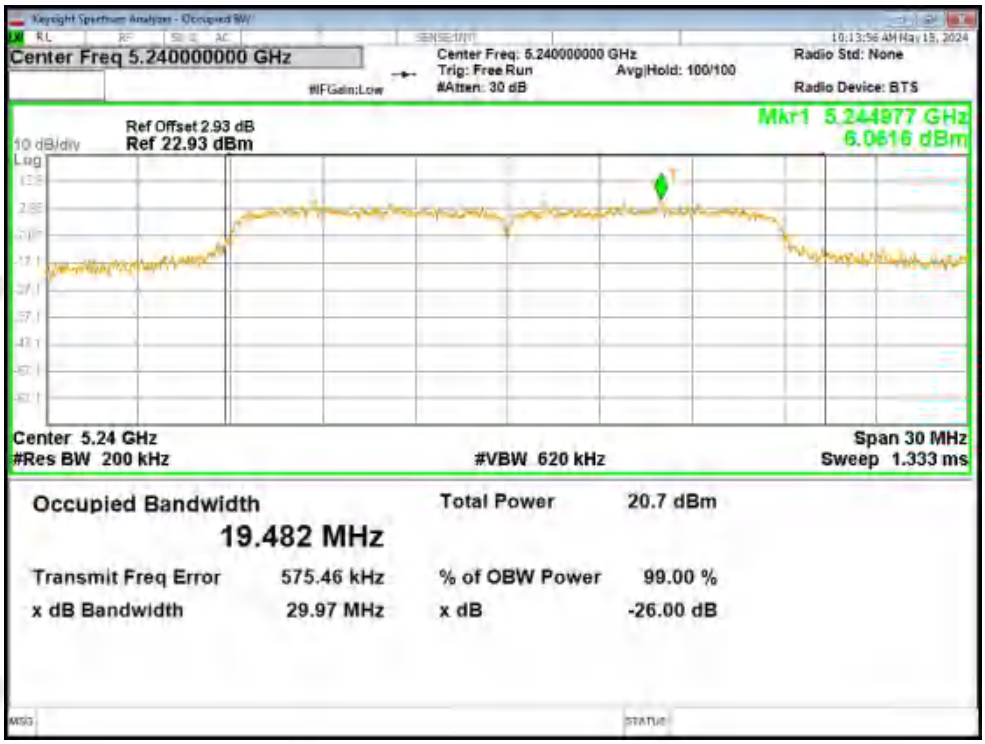
OBW NVNT n20 5180MHz Ant2



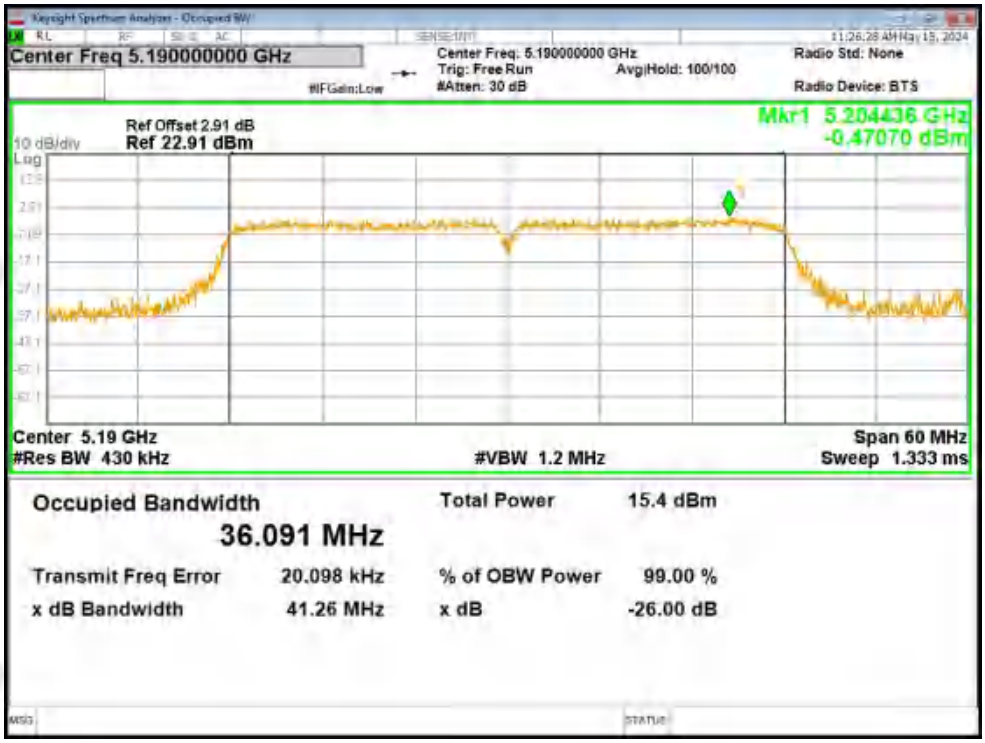
OBW NVNT n20 5200MHz Ant2



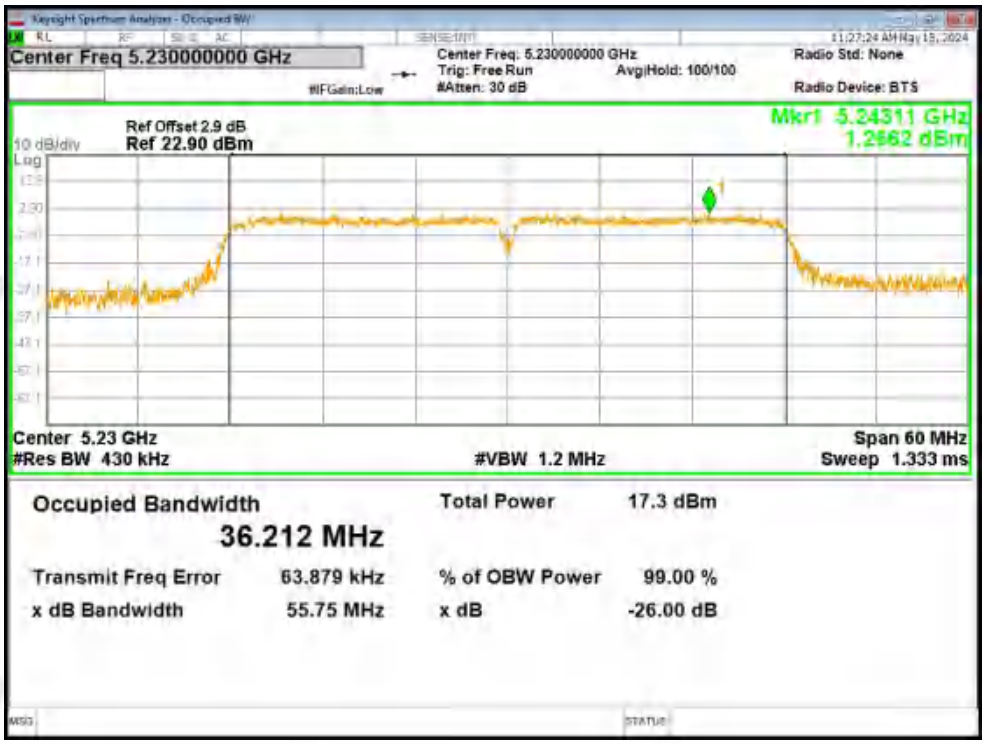
OBW NVNT n20 5240MHz Ant2



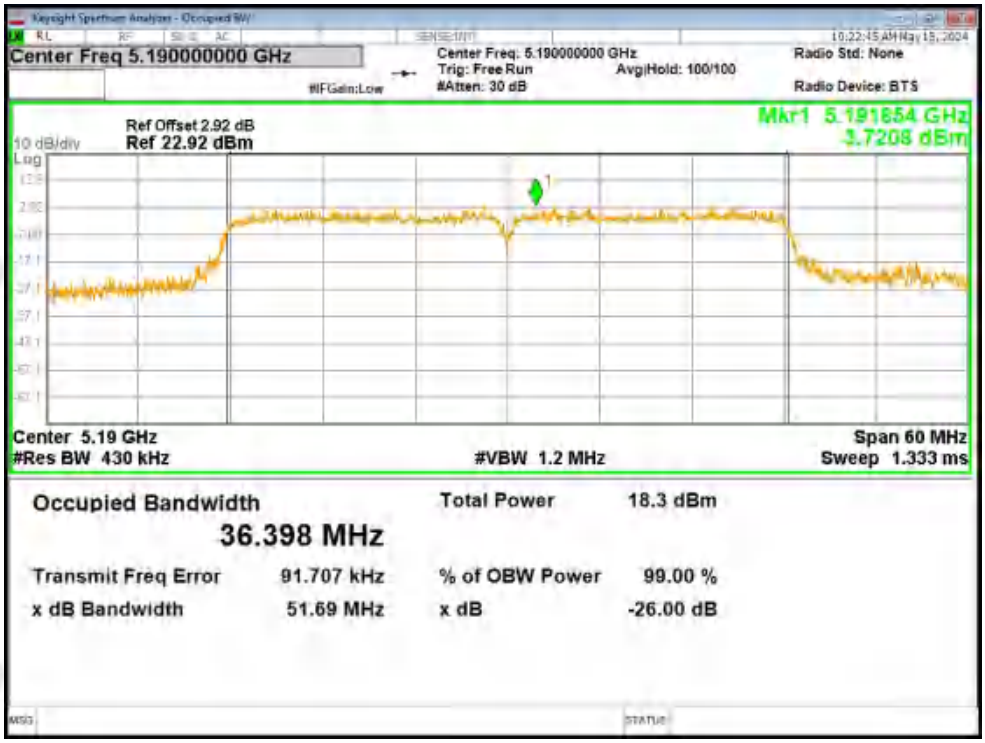
OBW NVNT n40 5190MHz Ant1



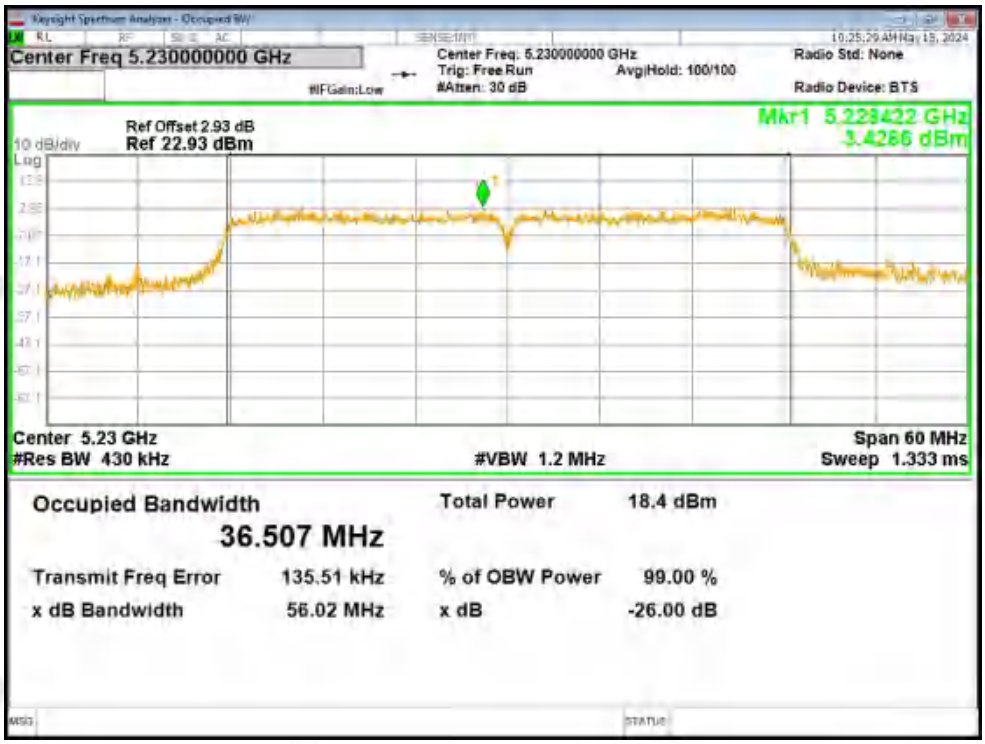
OBW NVNT n40 5230MHz Ant1



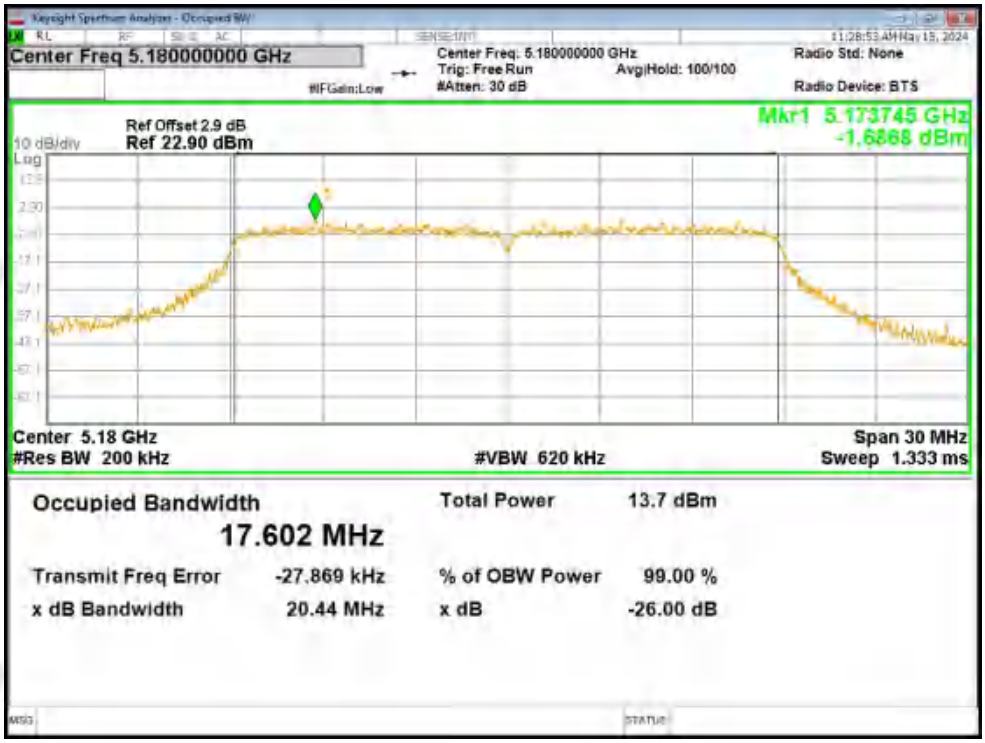
OBW NVNT n40 5190MHz Ant2



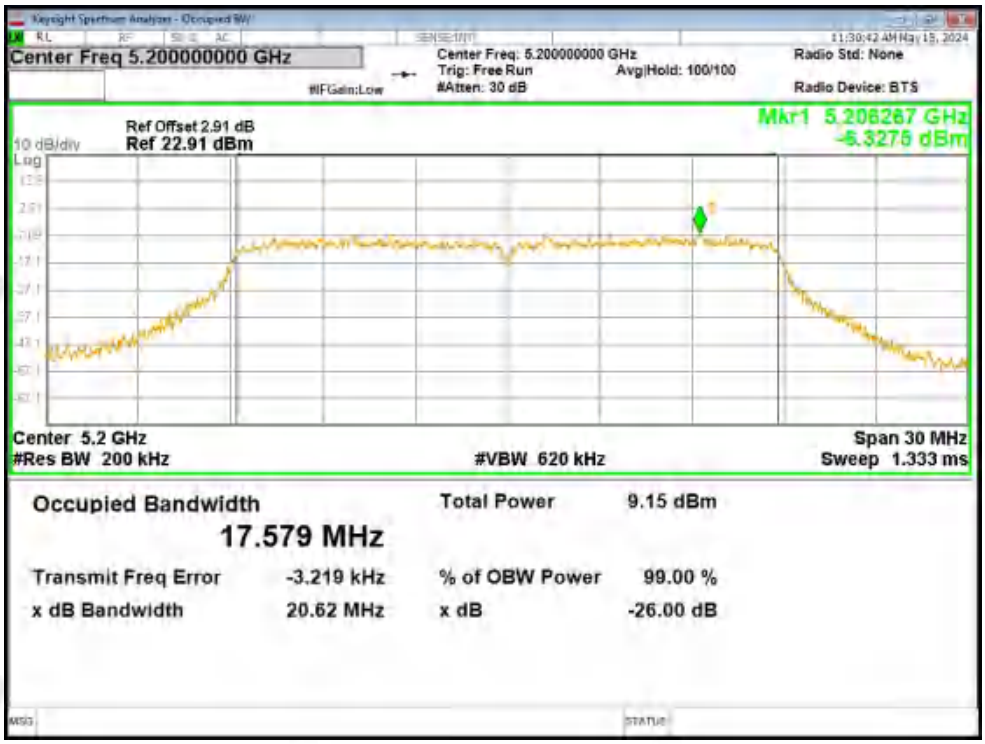
OBW NVNT n40 5230MHz Ant2



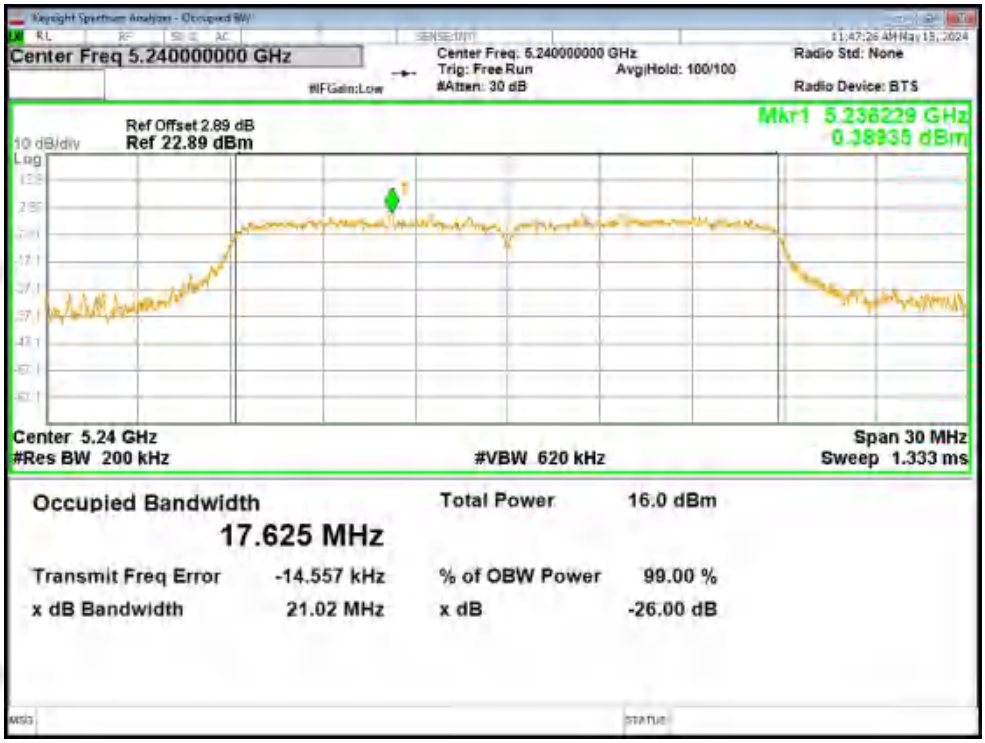
OBW NVNT ac20 5180MHz Ant1



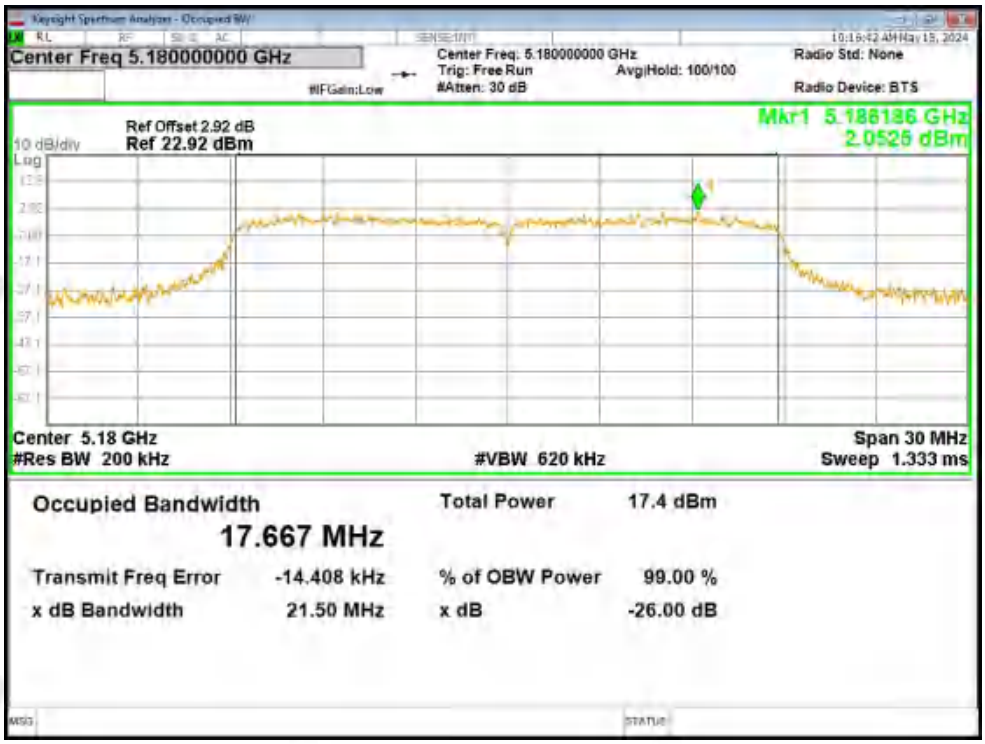
OBW NVNT ac20 5200MHz Ant1



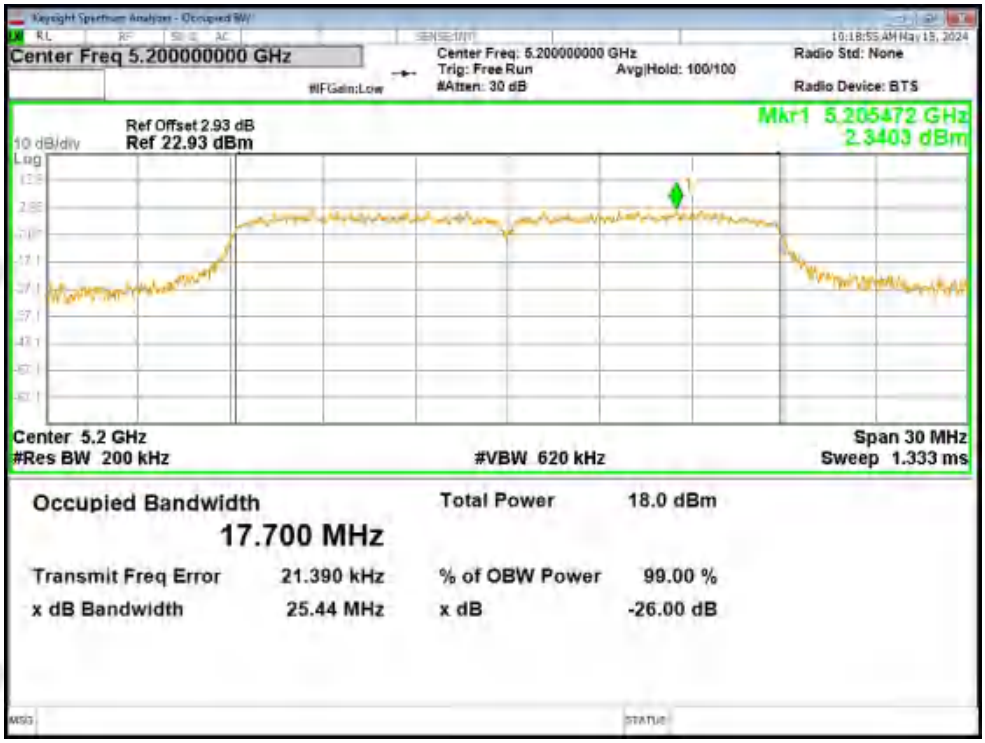
OBW NVNT ac20 5240MHz Ant1



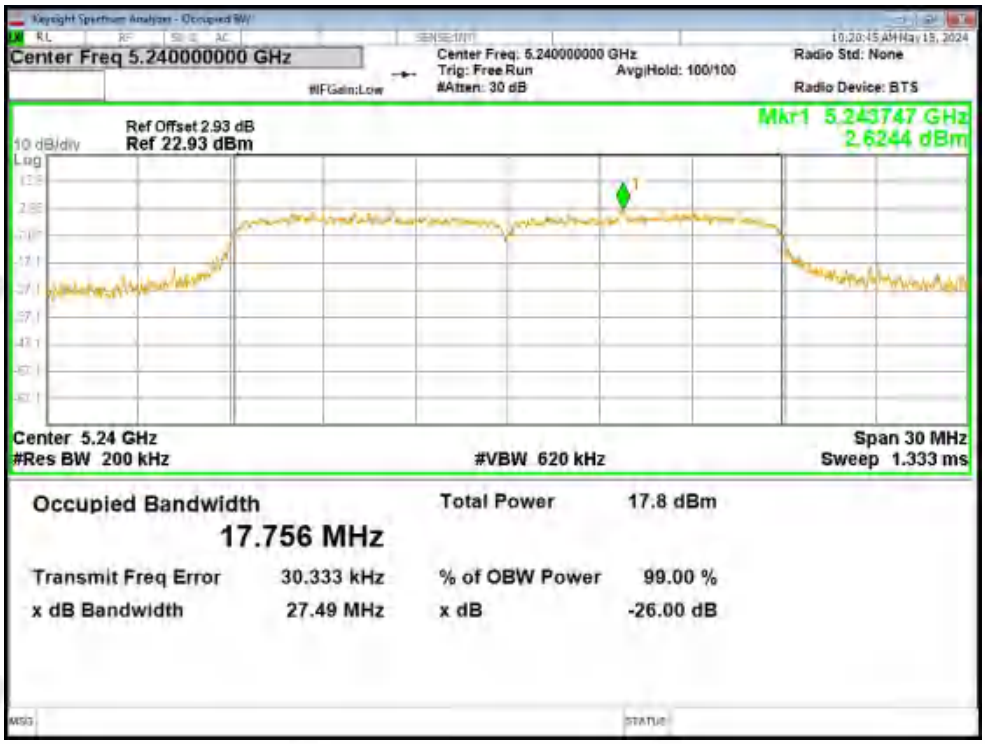
OBW NVNT ac20 5180MHz Ant2



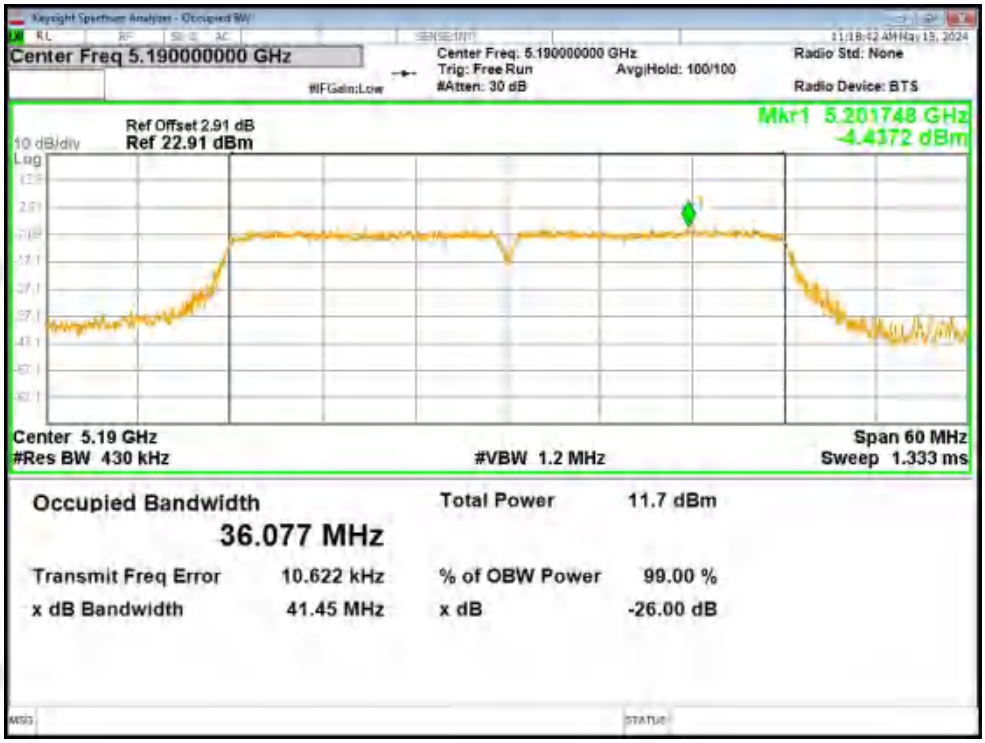
OBW NVNT ac20 5200MHz Ant2



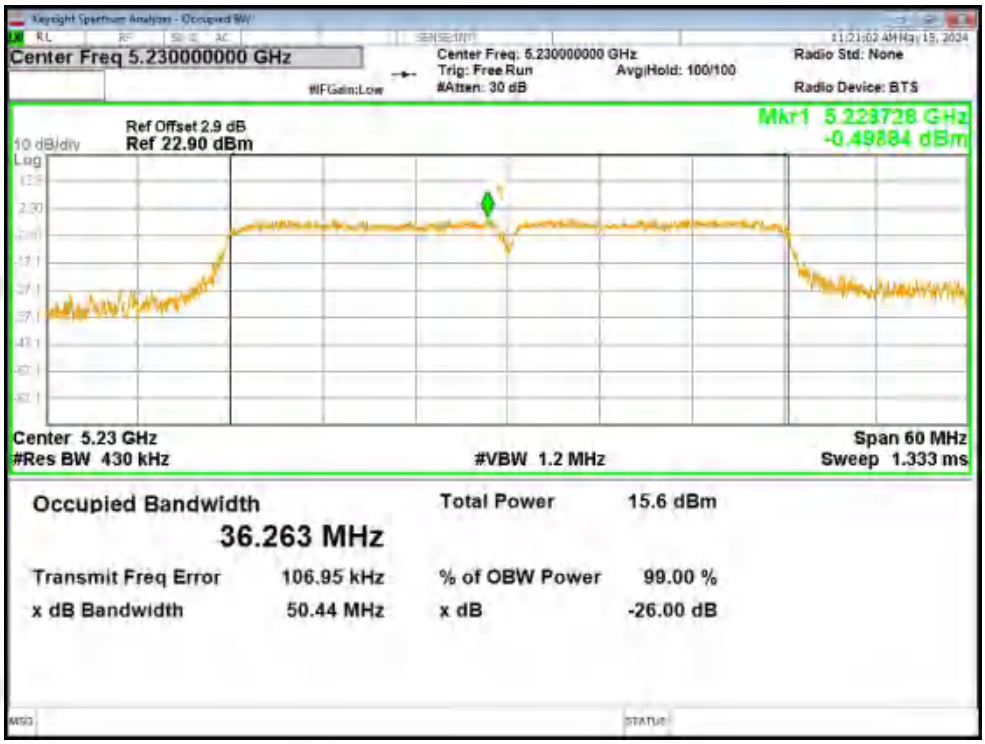
OBW NVNT ac20 5240MHz Ant2



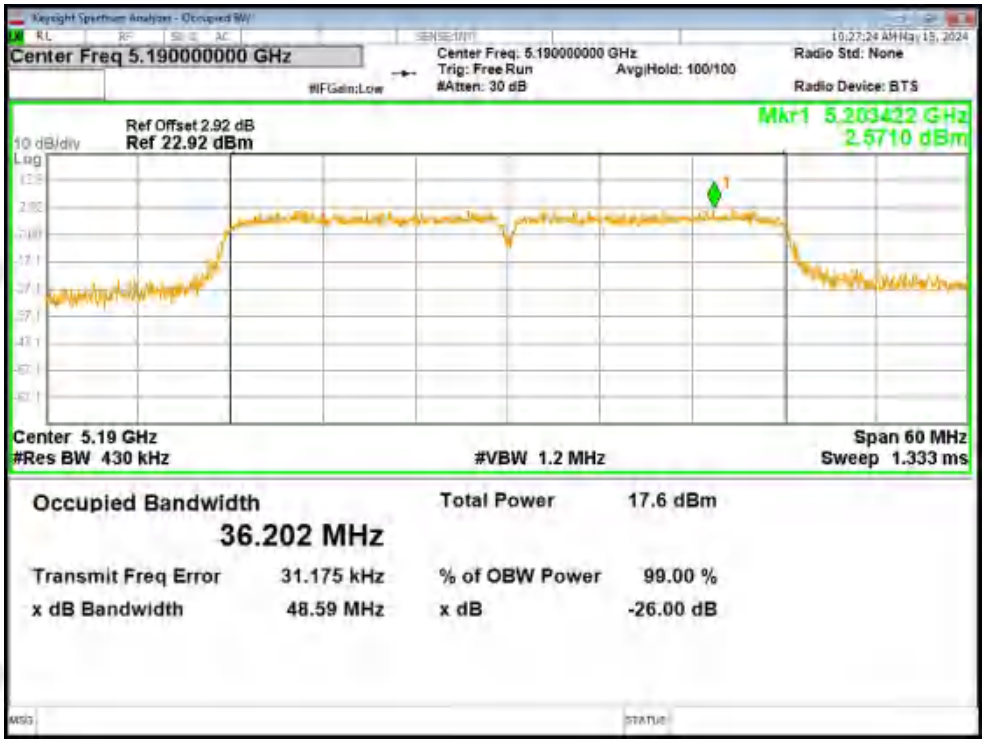
OBW NVNT ac40 5190MHz Ant1



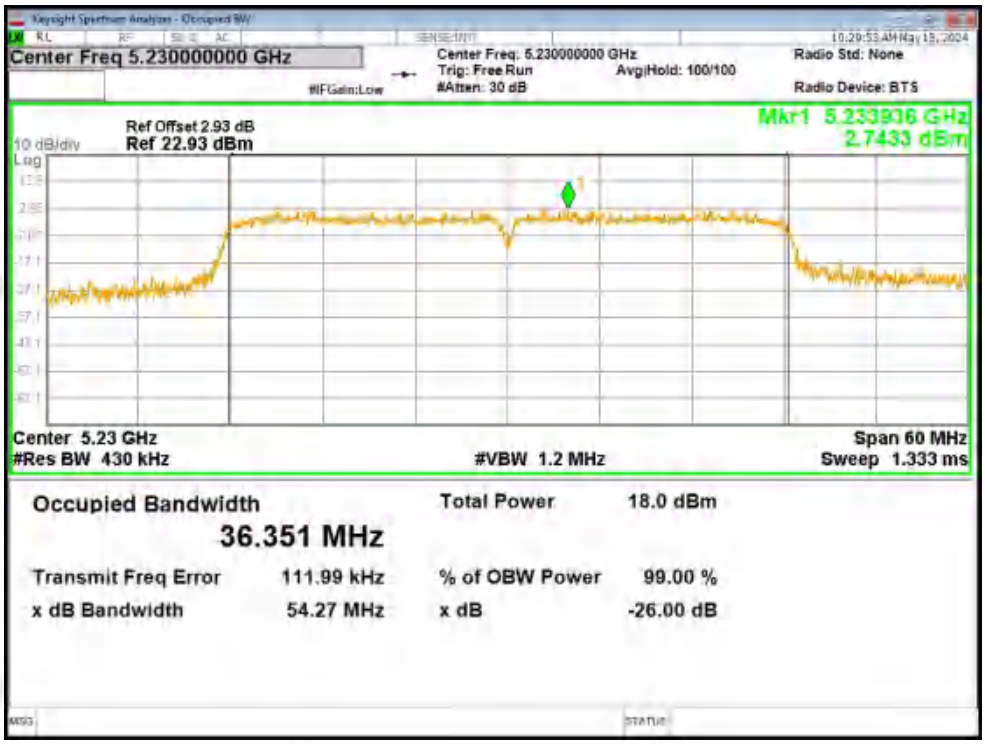
OBW NVNT ac40 5230MHz Ant1



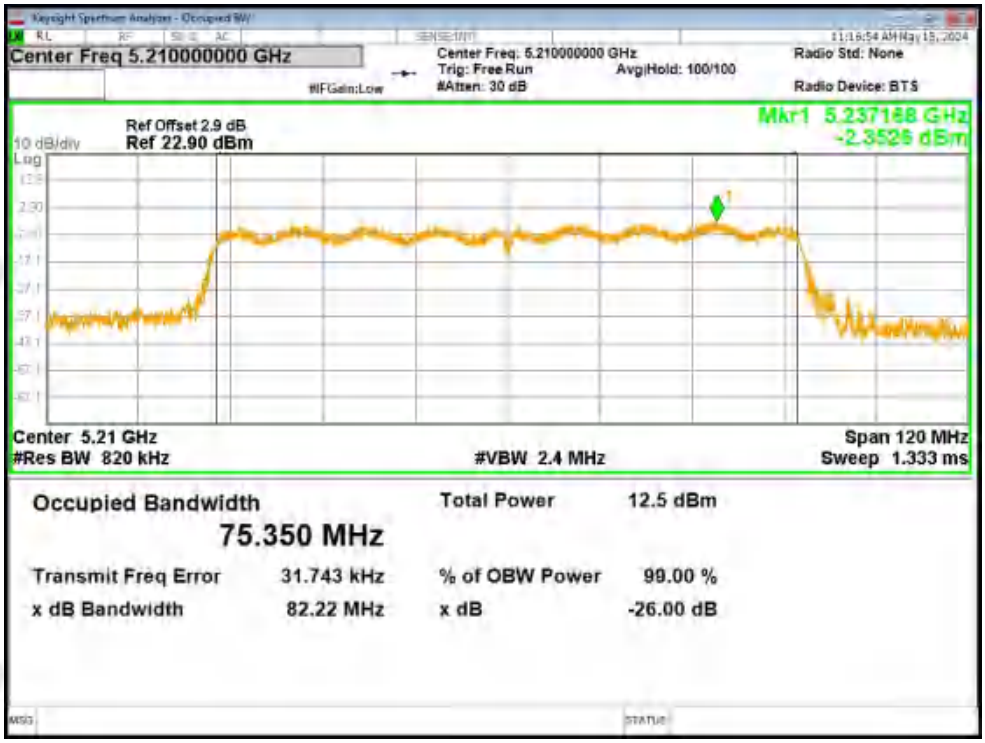
OBW NVNT ac40 5190MHz Ant2



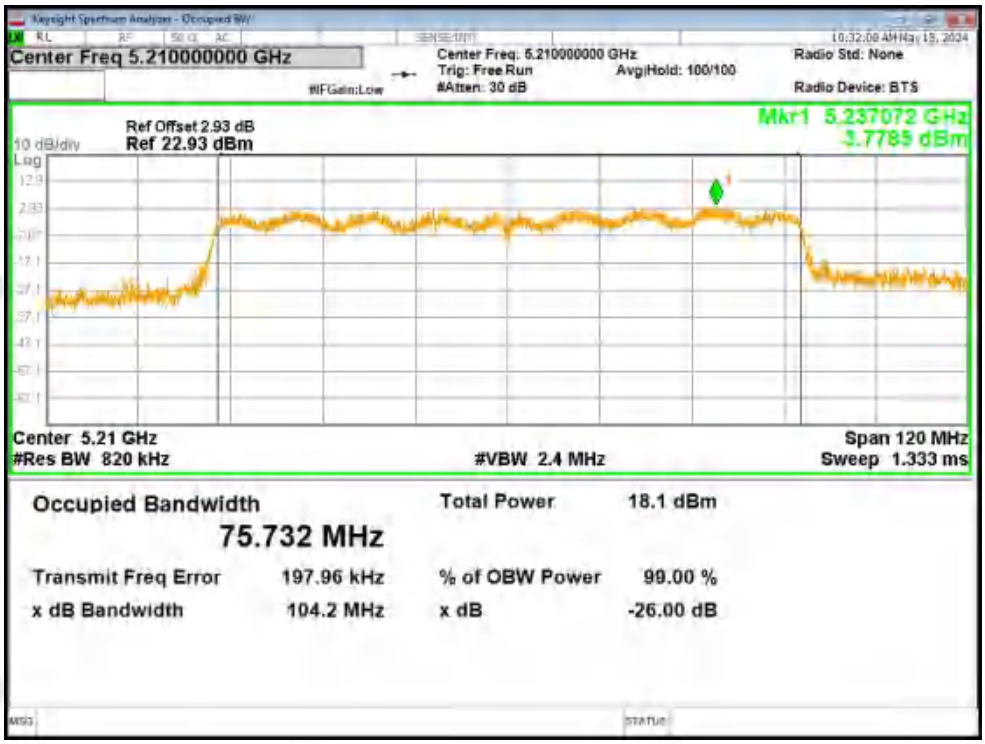
OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2



A5. Maximum Power Spectral Density Level

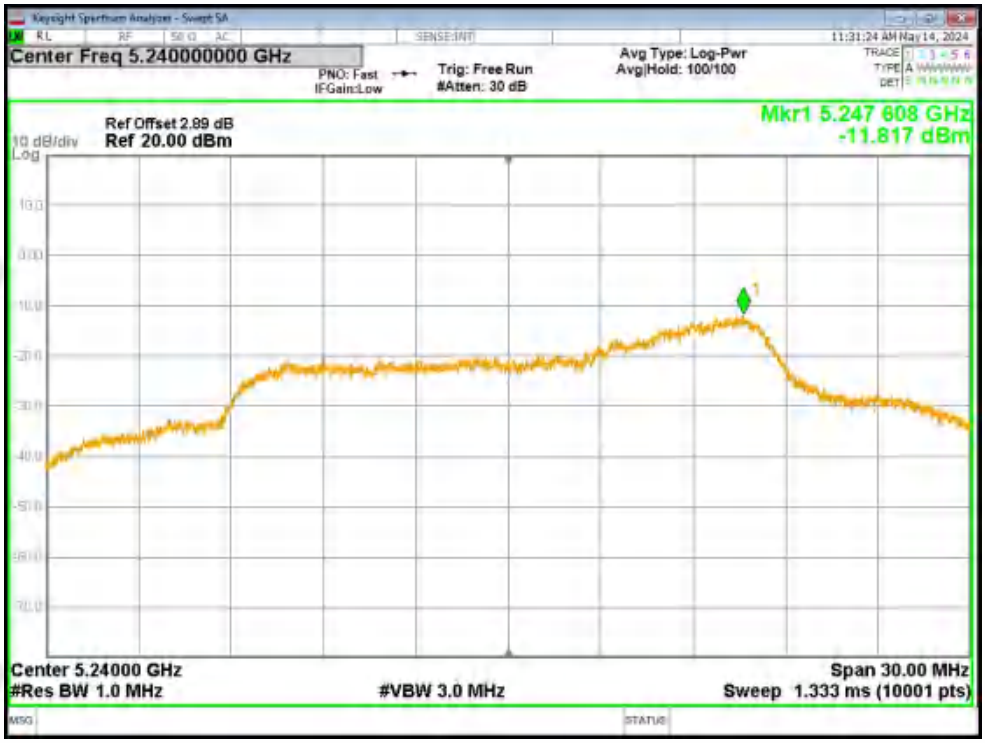
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-14.8	2.39	-12.41	11	Pass
NVNT	a	5200	Ant1	-22.65	2.39	-20.26	11	Pass
NVNT	a	5240	Ant1	-11.82	2.39	-9.43	11	Pass
NVNT	a	5180	Ant2	-22.96	2.38	-20.58	11	Pass
NVNT	a	5200	Ant2	-16.67	2.41	-14.26	11	Pass
NVNT	a	5240	Ant2	-20.57	2.39	-18.18	11	Pass
NVNT	n20	5180	Ant1	-22.2	2.51	-19.69	11	Pass
NVNT	n20	5200	Ant1	-23.99	2.51	-21.48	11	Pass
NVNT	n20	5240	Ant1	-20.94	2.51	-18.43	11	Pass
NVNT	n20	5180	Ant2	-21.05	2.51	-18.54	11	Pass
NVNT	n20	5200	Ant2	-23.8	2.54	-21.26	11	Pass
NVNT	n20	5240	Ant2	-23.48	2.51	-20.97	11	Pass
NVNT	n40	5190	Ant1	-32.2	4.13	-28.07	11	Pass
NVNT	n40	5230	Ant1	-28.82	4.09	-24.73	11	Pass
NVNT	n40	5190	Ant2	-36.36	4.4	-31.96	11	Pass
NVNT	n40	5230	Ant2	-36.53	4.43	-32.1	11	Pass
NVNT	ac20	5180	Ant1	-23.06	2.51	-20.55	11	Pass
NVNT	ac20	5200	Ant1	-20.3	2.51	-17.79	11	Pass
NVNT	ac20	5240	Ant1	-20.46	2.51	-17.95	11	Pass
NVNT	ac20	5180	Ant2	-22.54	2.72	-19.82	11	Pass
NVNT	ac20	5200	Ant2	-23.66	2.74	-20.92	11	Pass
NVNT	ac20	5240	Ant2	-25.21	2.72	-22.49	11	Pass
NVNT	ac40	5190	Ant1	-35.24	4.09	-31.15	11	Pass
NVNT	ac40	5230	Ant1	-32.02	4.09	-27.93	11	Pass
NVNT	ac40	5190	Ant2	-36.03	4.35	-31.68	11	Pass
NVNT	ac40	5230	Ant2	-35.69	4.35	-31.34	11	Pass
NVNT	ac80	5210	Ant1	-38.42	6.15	-32.27	11	Pass
NVNT	ac80	5210	Ant2	-43.59	6.52	-37.07	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1

PSD NVNT a 5200MHz Ant1

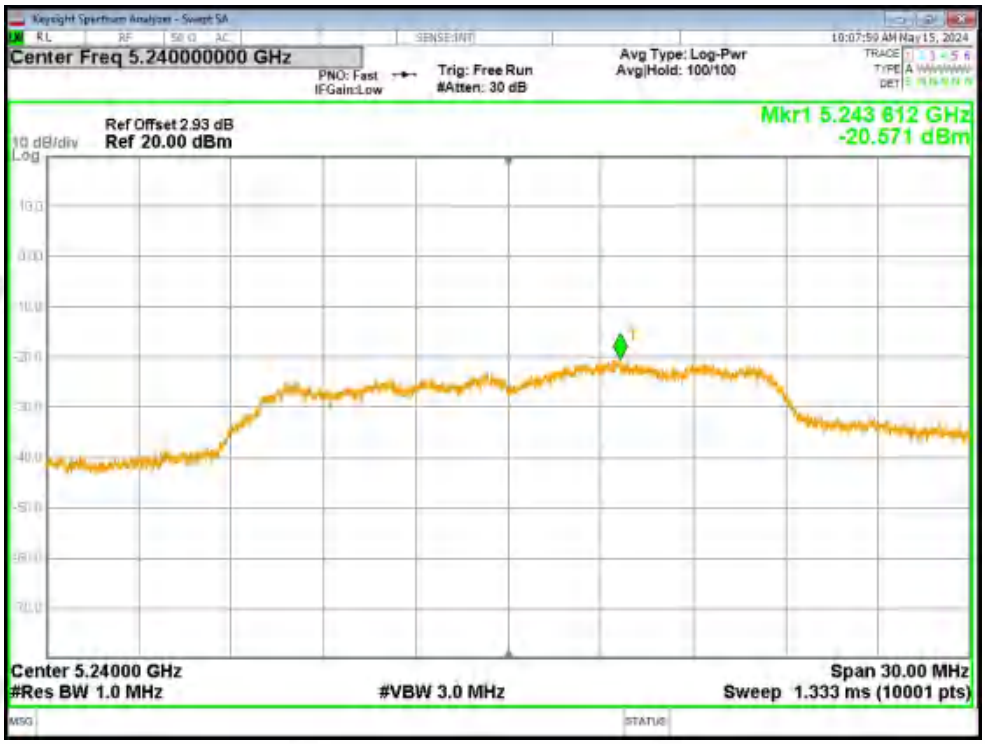
PSD NVNT a 5240MHz Ant1



PSD NVNT a 5180MHz Ant2

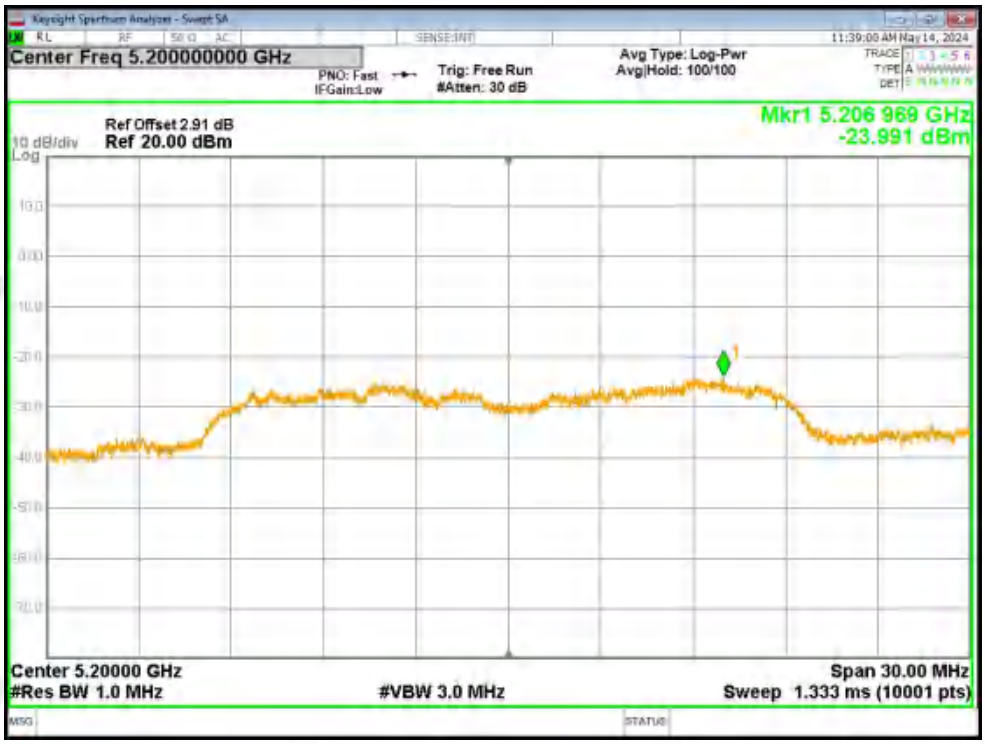
PSD NVNT a 5200MHz Ant2

PSD NVNT a 5240MHz Ant2



PSD NVNT n20 5180MHz Ant1

PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1

PSD NVNT n20 5180MHz Ant2

PSD NVNT n20 5200MHz Ant2

PSD NVNT n20 5240MHz Ant2

PSD NVNT n40 5190MHz Ant1

PSD NVNT n40 5230MHz Ant1

PSD NVNT n40 5190MHz Ant2

PSD NVNT n40 5230MHz Ant2

PSD NVNT ac20 5180MHz Ant1

PSD NVNT ac20 5200MHz Ant1

PSD NVNT ac20 5240MHz Ant1

PSD NVNT ac20 5180MHz Ant2

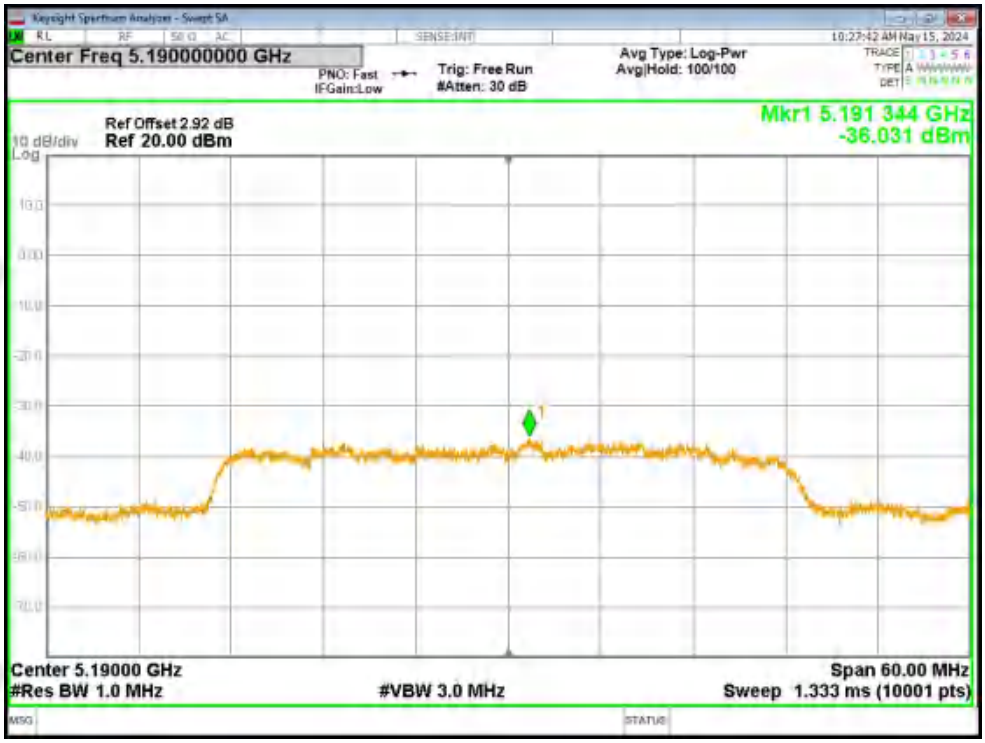
PSD NVNT ac20 5200MHz Ant2

PSD NVNT ac20 5240MHz Ant2

PSD NVNT ac40 5190MHz Ant1

PSD NVNT ac40 5230MHz Ant1

PSD NVNT ac40 5190MHz Ant2



PSD NVNT ac40 5230MHz Ant2

PSD NVNT ac80 5210MHz Ant1

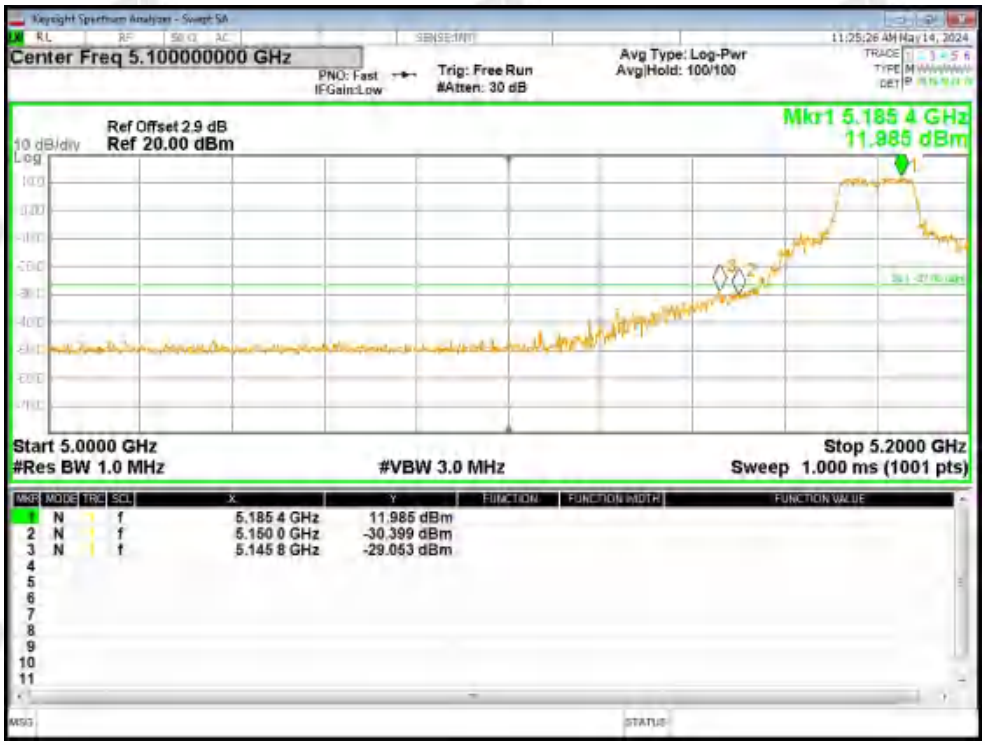
PSD NVNT ac80 5210MHz Ant2

A6. Band Edge

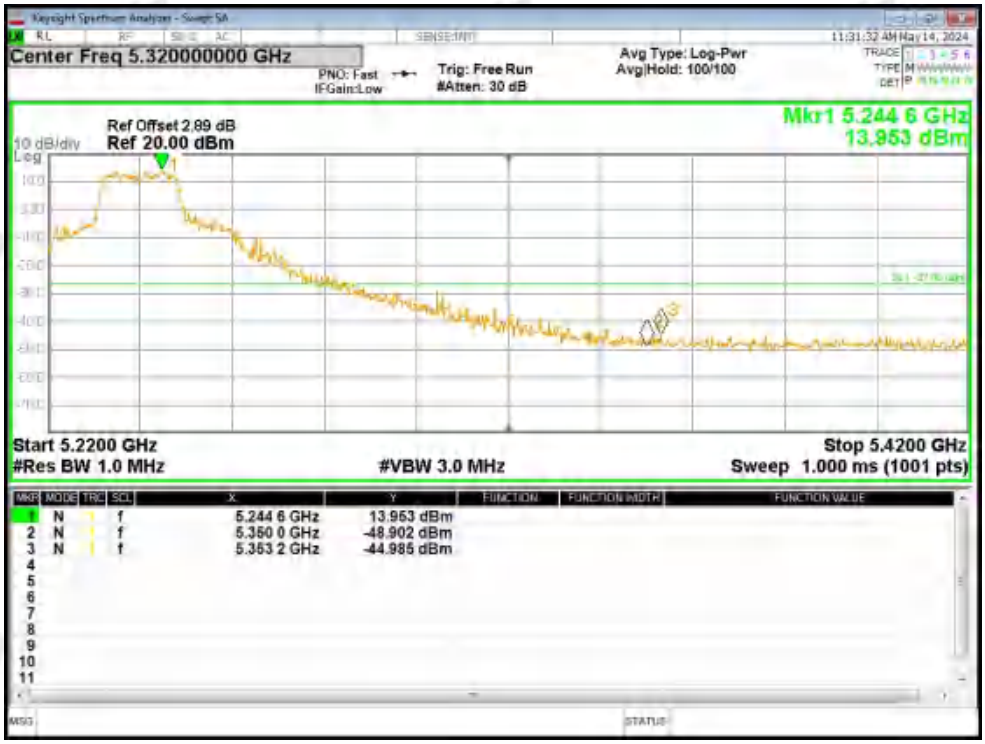
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-29.05	-27	Pass
NVNT	a	5240	Ant1	-44.98	-27	Pass
NVNT	a	5180	Ant2	-30.98	-27	Pass
NVNT	a	5240	Ant2	-45.89	-27	Pass
NVNT	n20	5180	Ant1	-29.76	-27	Pass
NVNT	n20	5240	Ant1	-43.43	-27	Pass
NVNT	n20	5180	Ant2	-29.42	-27	Pass
NVNT	n20	5240	Ant2	-45.74	-27	Pass
NVNT	n40	5190	Ant1	-38.86	-27	Pass
NVNT	n40	5230	Ant1	-34.58	-27	Pass
NVNT	n40	5190	Ant2	-28.8	-27	Pass
NVNT	n40	5230	Ant2	-41.64	-27	Pass
NVNT	ac20	5180	Ant1	-27.39	-27	Pass
NVNT	ac20	5240	Ant1	-44.84	-27	Pass
NVNT	ac20	5180	Ant2	-30.93	-27	Pass
NVNT	ac20	5240	Ant2	-45.94	-27	Pass
NVNT	ac40	5190	Ant1	-28.97	-27	Pass
NVNT	ac40	5230	Ant1	-32.95	-27	Pass
NVNT	ac40	5190	Ant2	-27.86	-27	Pass
NVNT	ac40	5230	Ant2	-43.23	-27	Pass
NVNT	ac80	5210	Ant1	-28.73	-27	Pass
NVNT	ac80	5210	Ant2	-30.01	-27	Pass

Test Graphs

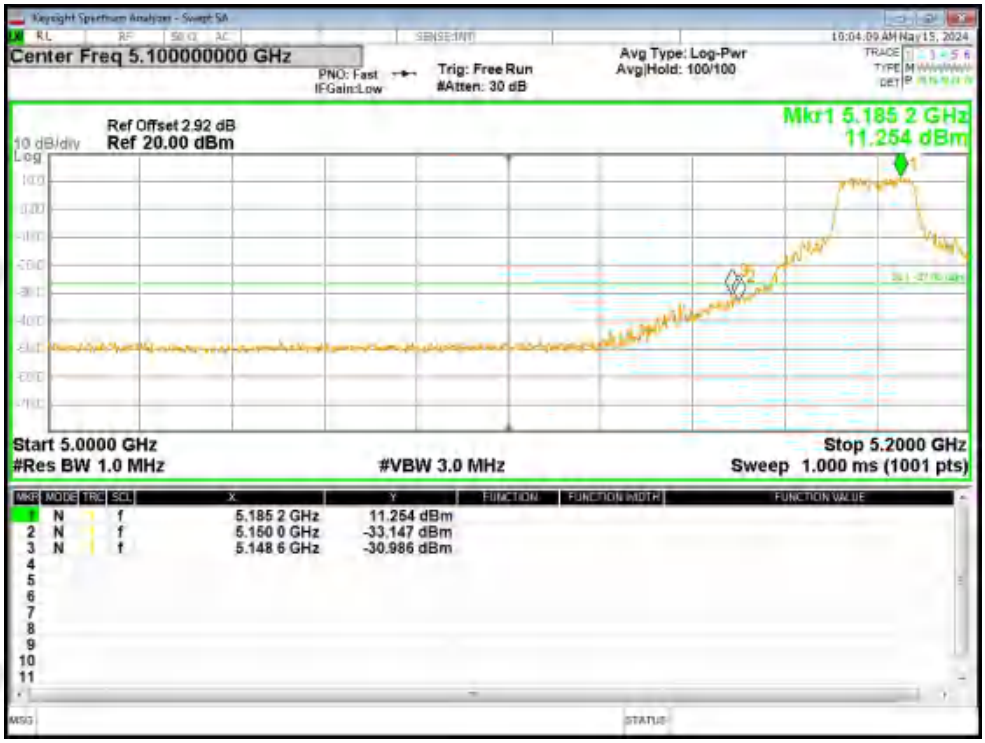
Band Edge NVNT a 5180MHz Low Ant1



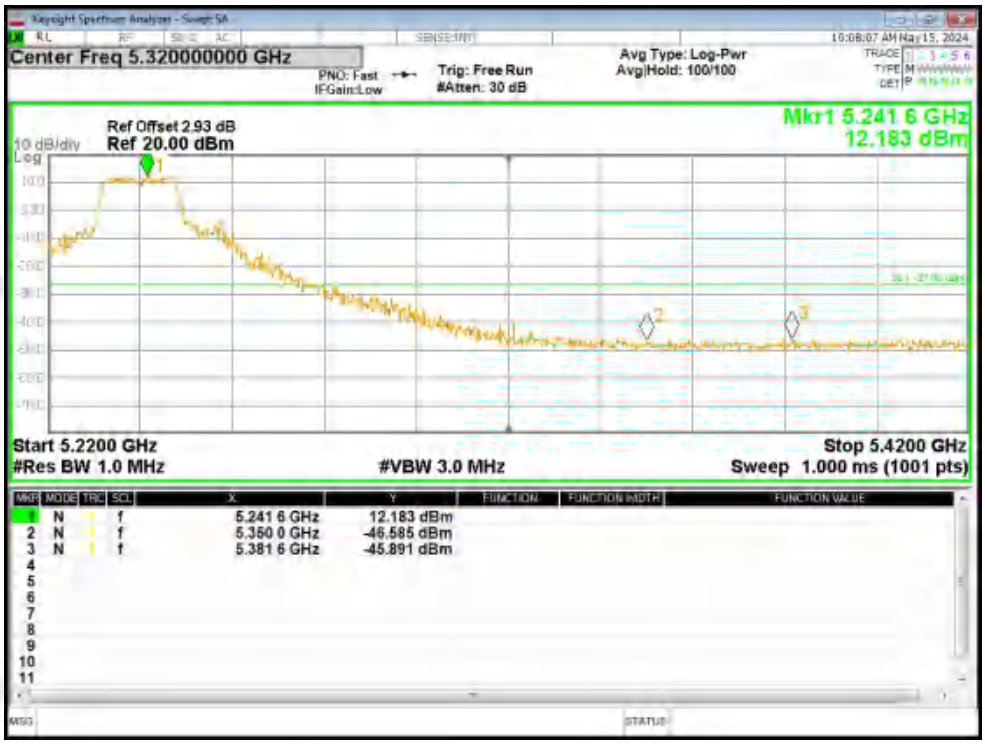
Band Edge NVNT a 5240MHz High Ant1



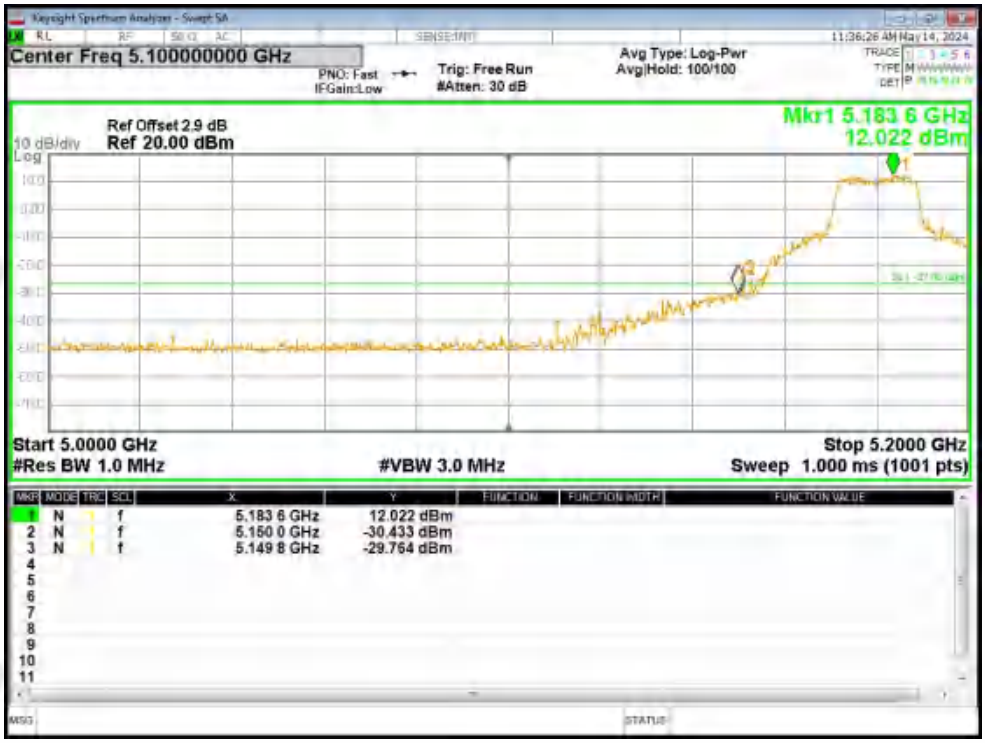
Band Edge NVNT a 5180MHz Low Ant2



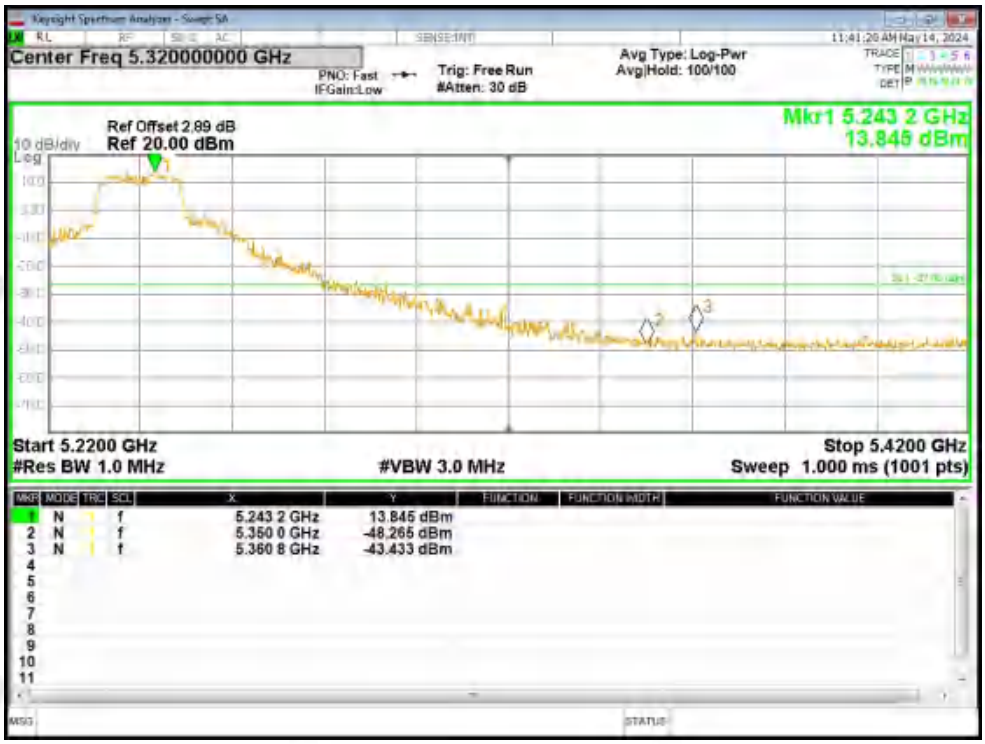
Band Edge NVNT a 5240MHz High Ant2



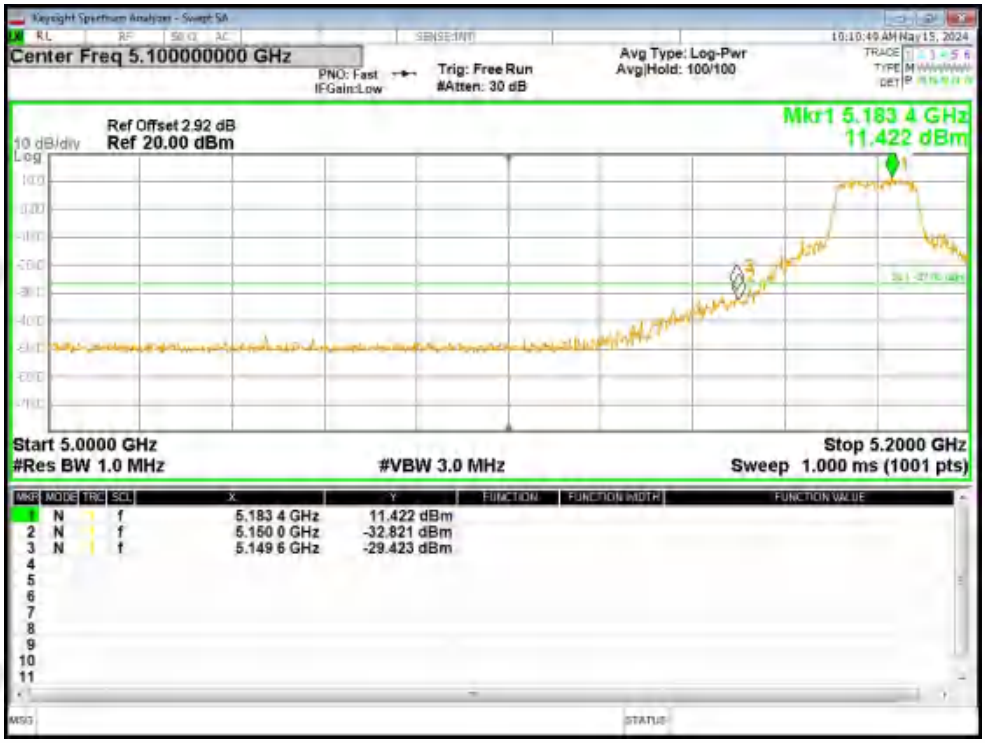
Band Edge NVNT n20 5180MHz Low Ant1



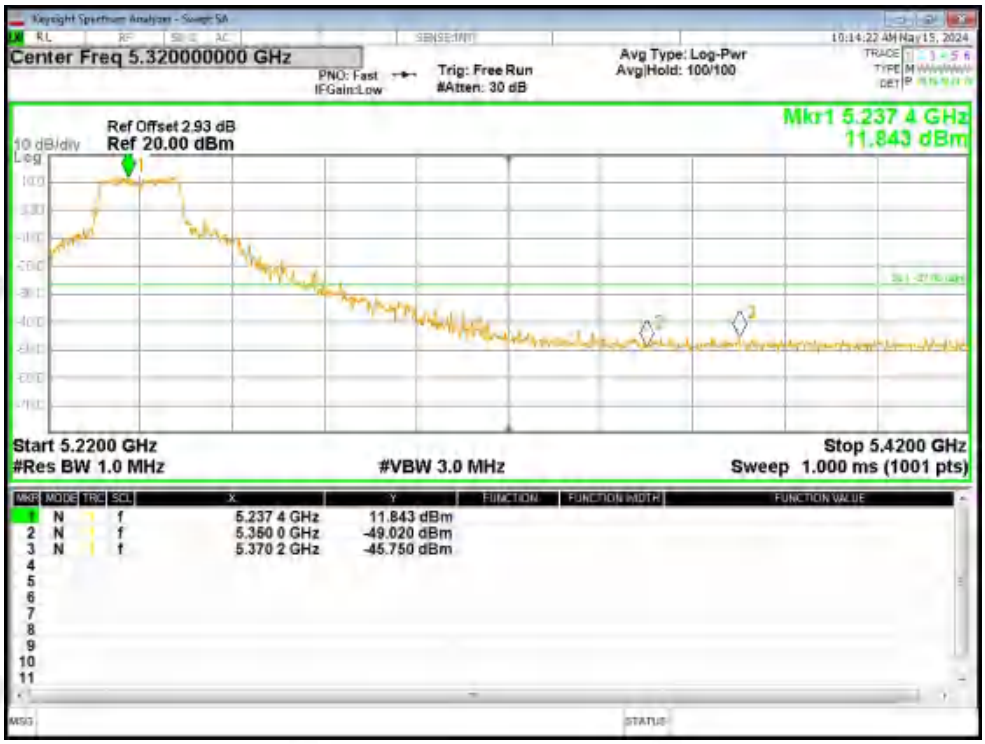
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n20 5180MHz Low Ant2



Band Edge NVNT n20 5240MHz High Ant2

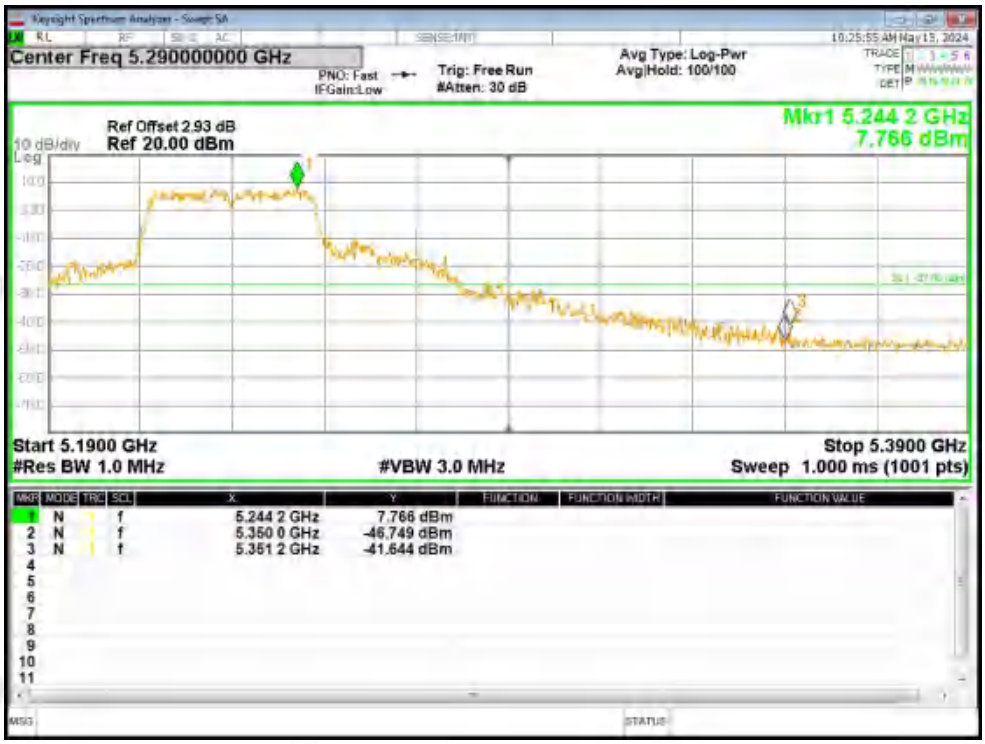


Band Edge NVNT n40 5190MHz Low Ant1

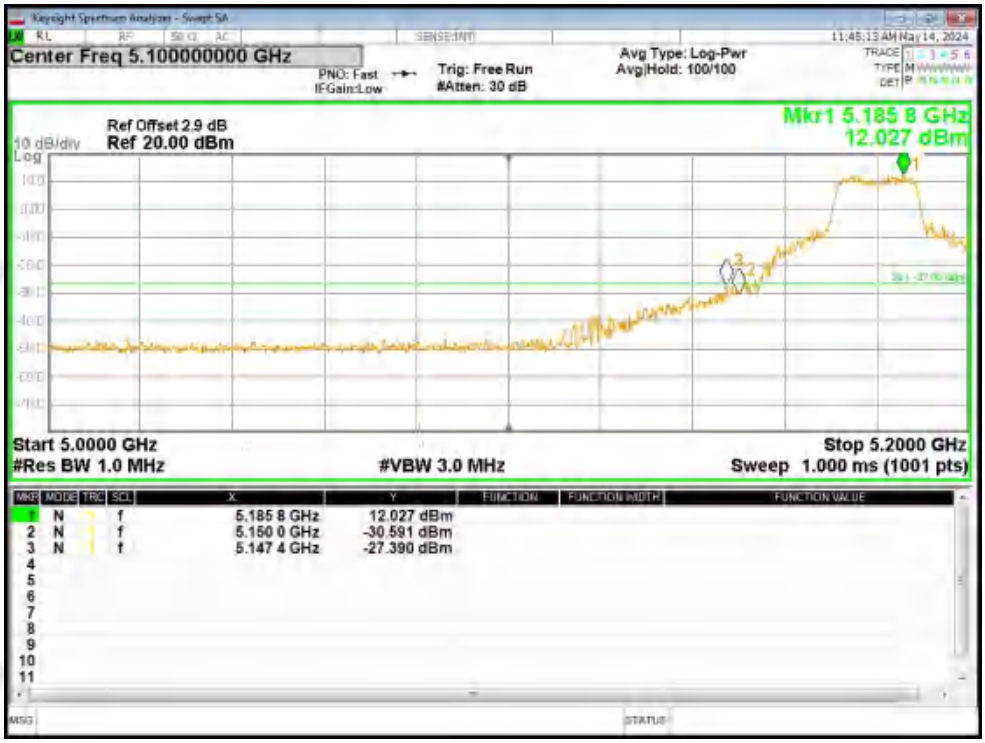
Band Edge NVNT n40 5230MHz High Ant1

Band Edge NVNT n40 5190MHz Low Ant2

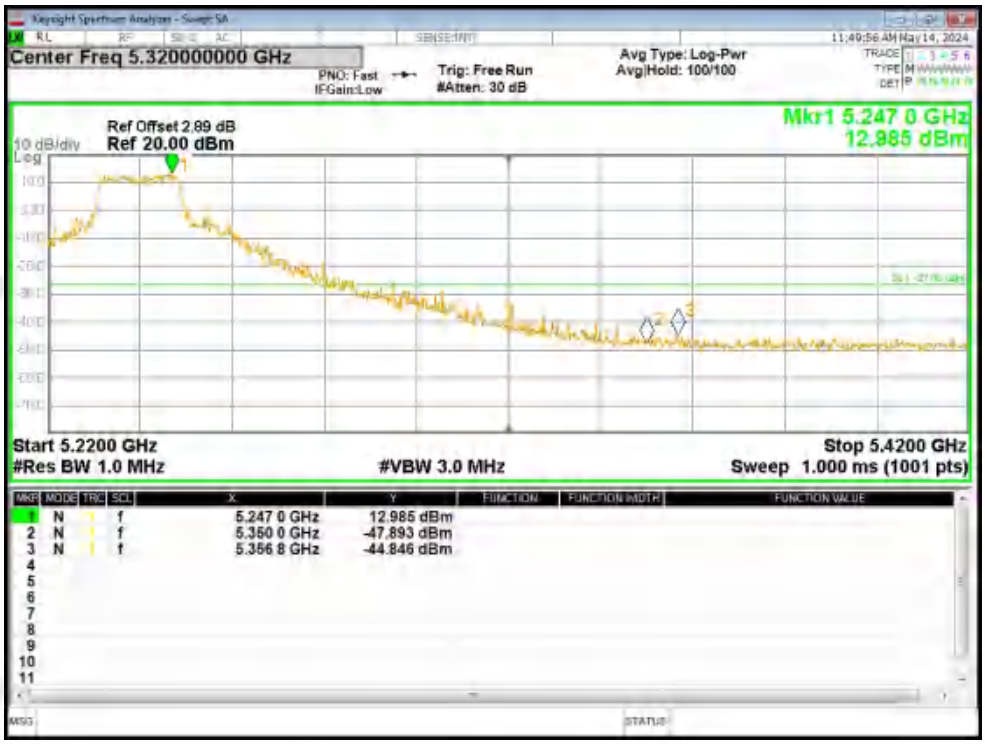
Band Edge NVNT n40 5230MHz High Ant2



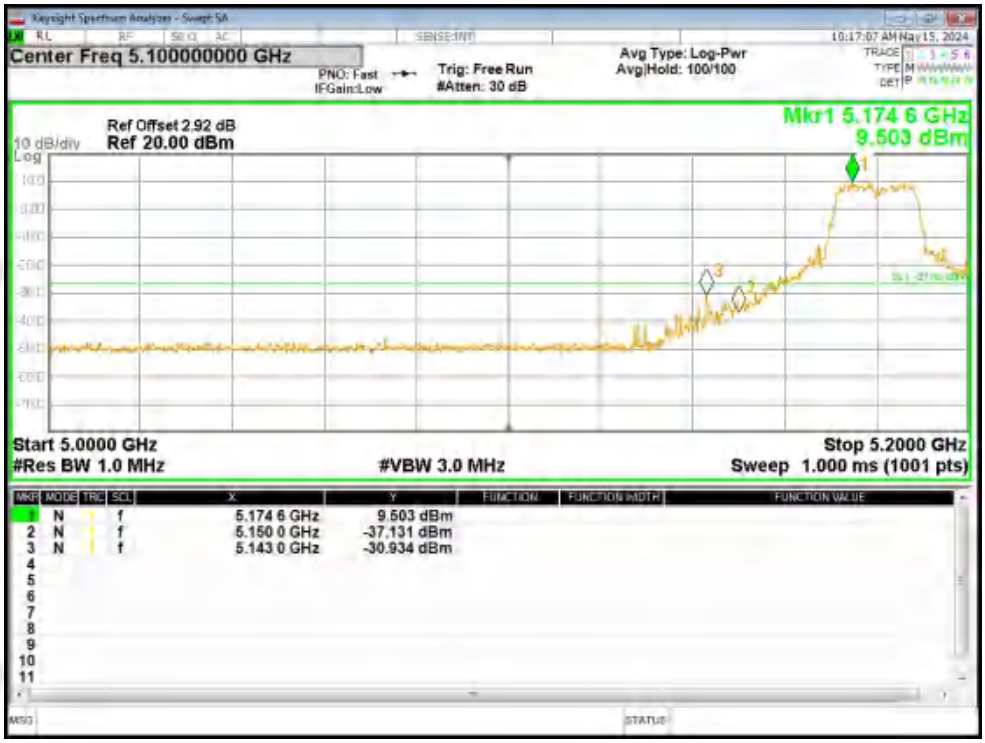
Band Edge NVNT ac20 5180MHz Low Ant1



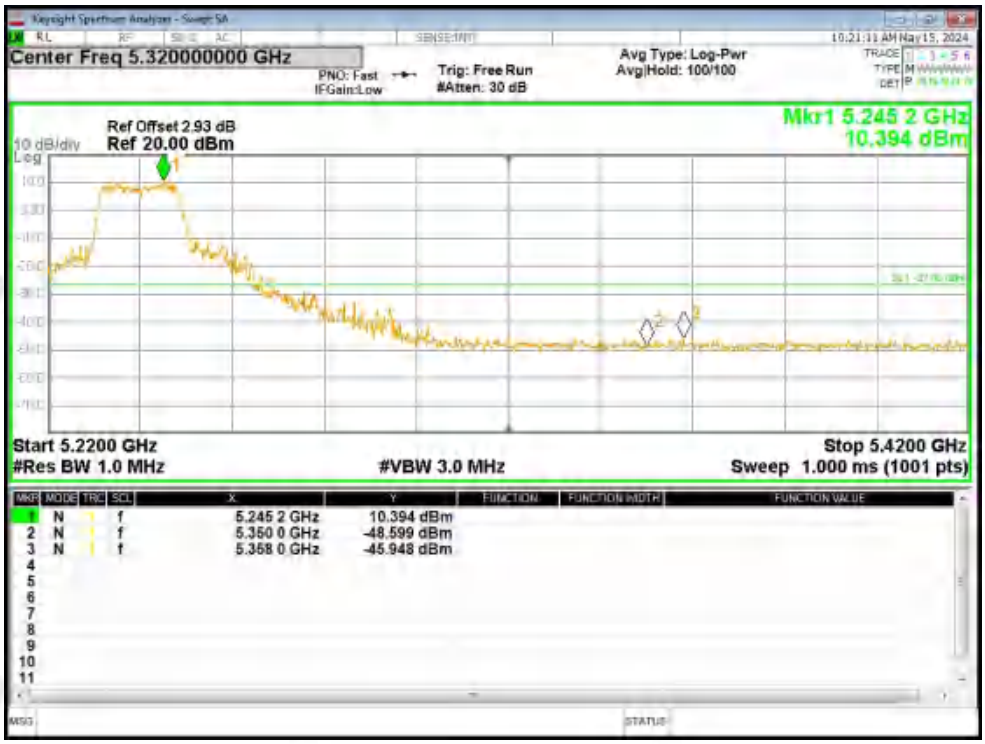
Band Edge NVNT ac20 5240MHz High Ant1



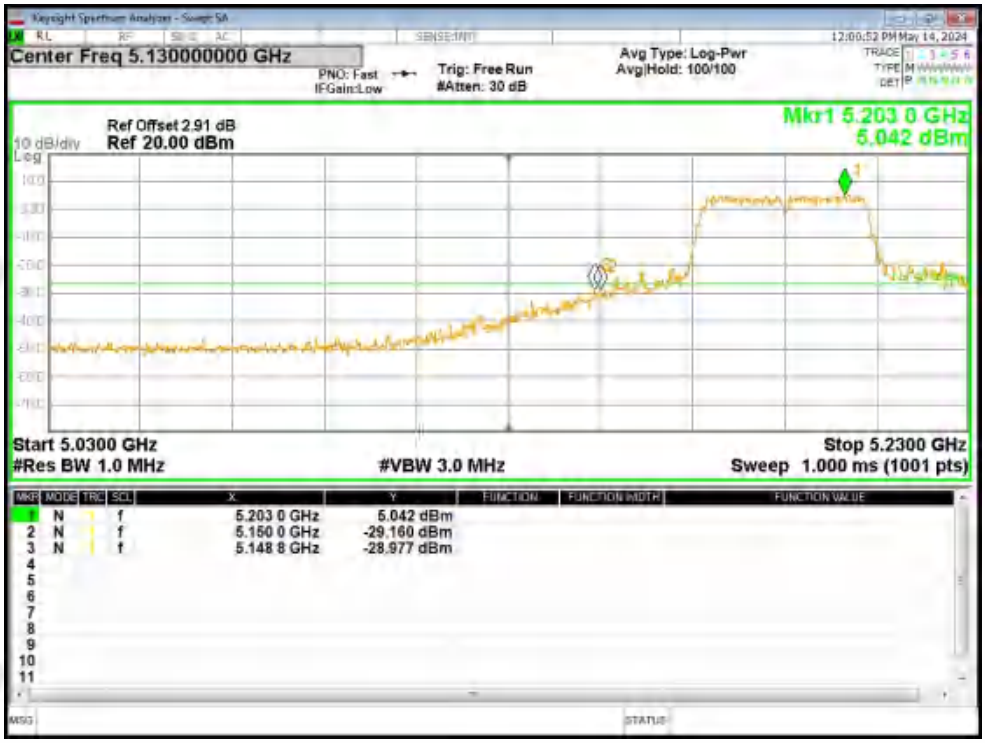
Band Edge NVNT ac20 5180MHz Low Ant2



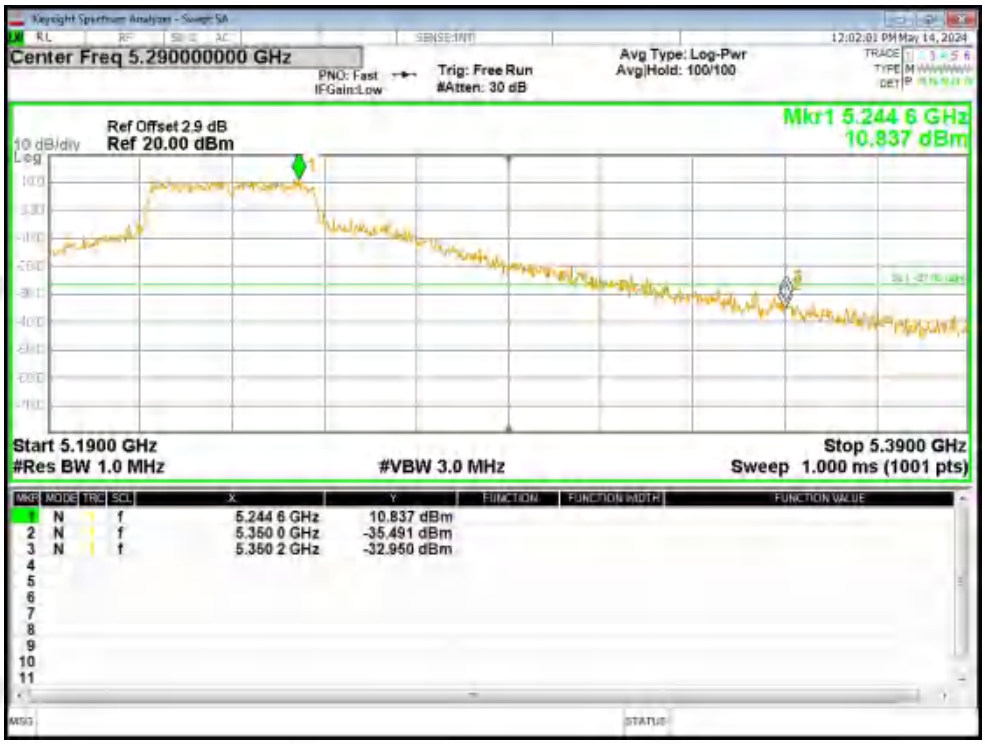
Band Edge NVNT ac20 5240MHz High Ant2



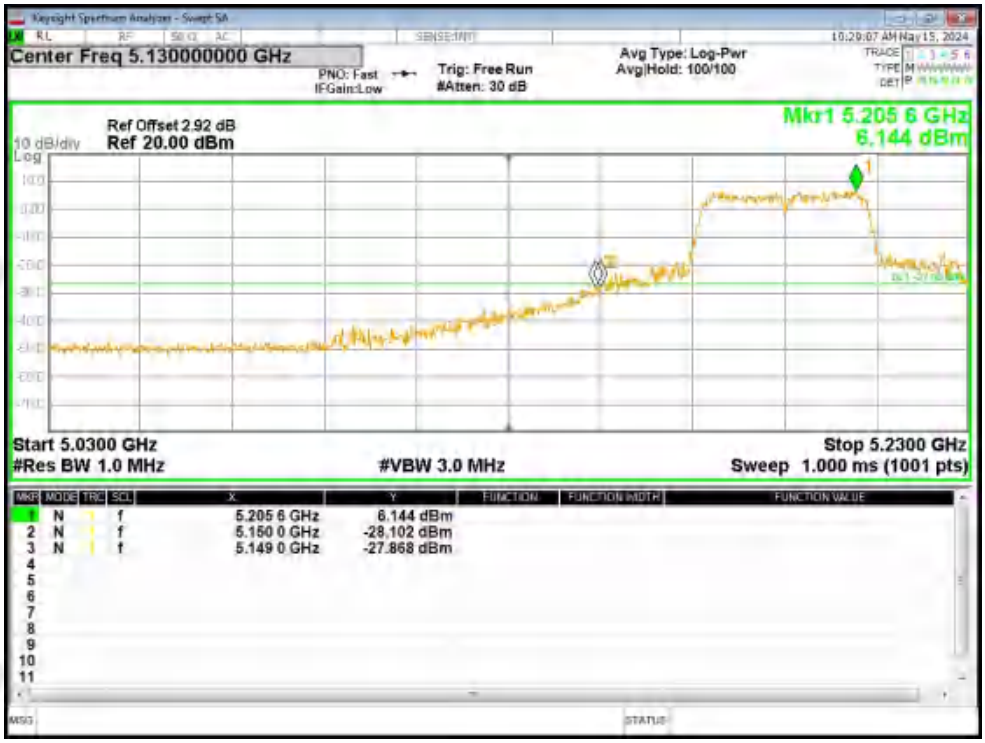
Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



Band Edge NVNT ac40 5190MHz Low Ant2



Band Edge NVNT ac40 5230MHz High Ant2

Band Edge NVNT ac80 5210MHz Low Ant1

Band Edge NVNT ac80 5210MHz Low Ant2

A7. Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	a	5240	Ant1	5240	0	0	25	Pass
NVNT	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
NVNT	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
NVNT	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
NVNT	n20	5180	Ant1	5180	0	0	25	Pass
NVNT	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
NVNT	n20	5200	Ant2	5200	0	0	25	Pass
NVNT	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	n40	5190	Ant2	5190	0	0	25	Pass
NVNT	n40	5230	Ant2	5230	0	0	25	Pass
NVNT	ac20	5180	Ant1	5180	0	0	25	Pass
NVNT	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NVNT	ac20	5240	Ant1	5240	0	0	25	Pass
NVNT	ac20	5180	Ant2	5180	0	0	25	Pass
NVNT	ac20	5200	Ant2	5200	0	0	25	Pass
NVNT	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant1	5190.04	40000	7.71	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NVNT	ac40	5230	Ant2	5230	0	0	25	Pass
NVNT	ac80	5210	Ant1	5210	0	0	25	Pass
NVNT	ac80	5210	Ant2	5210.08	80000	15.36	25	Pass

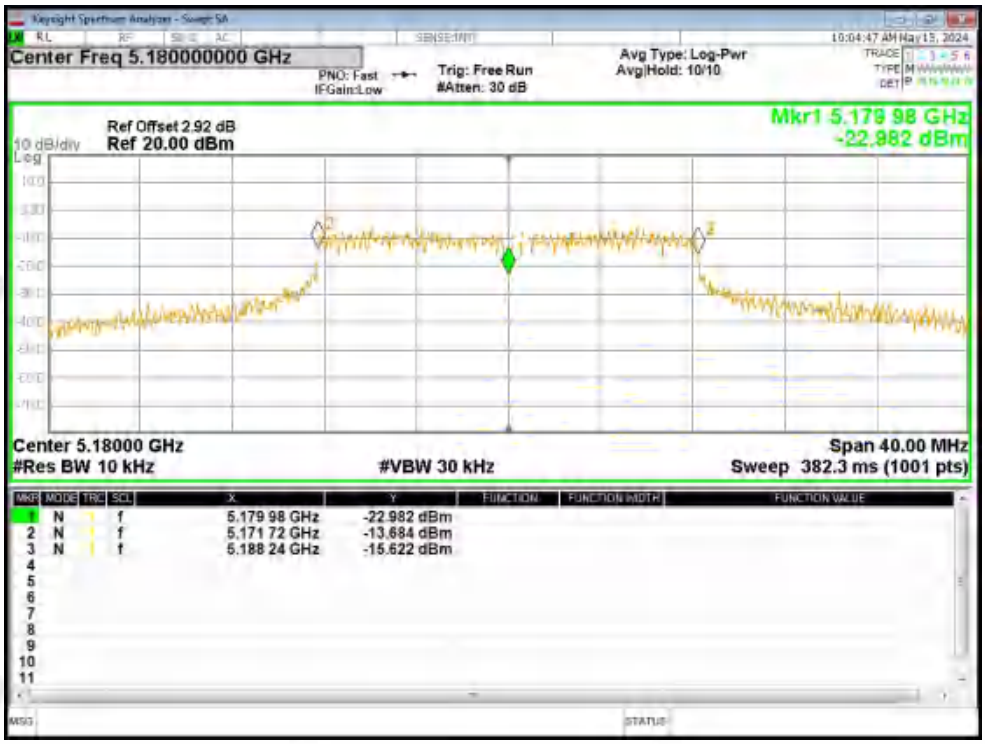
Test Graphs

Freq. Stability NVNT a 5180MHz Ant1

Freq. Stability NVNT a 5200MHz Ant1

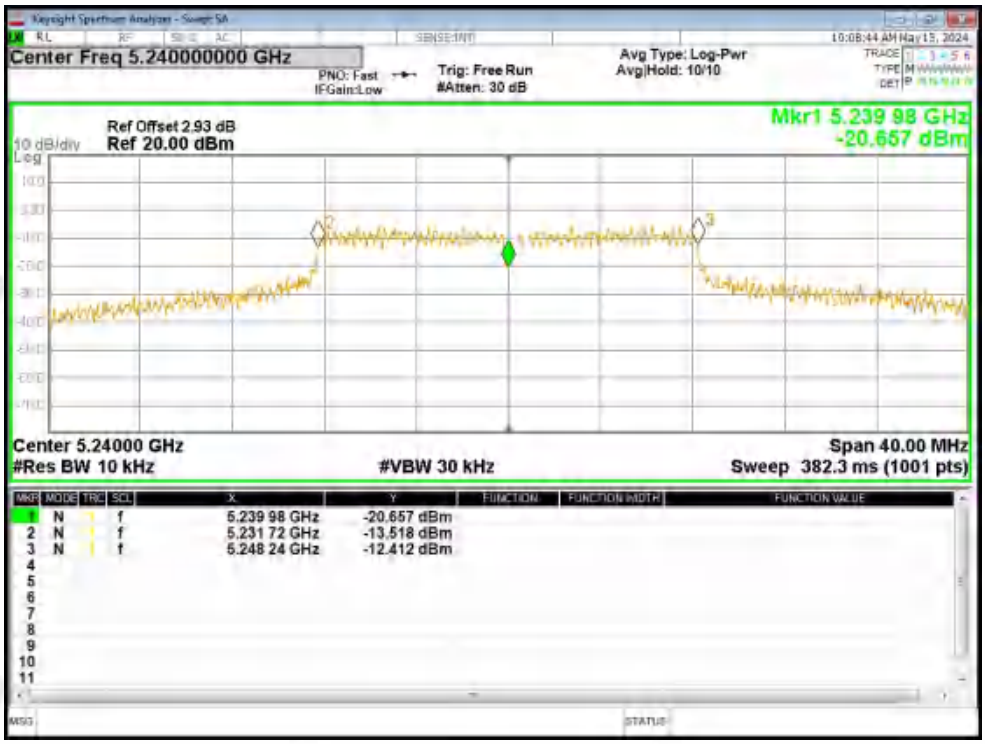
Freq. Stability NVNT a 5240MHz Ant1

Freq. Stability NVNT a 5180MHz Ant2



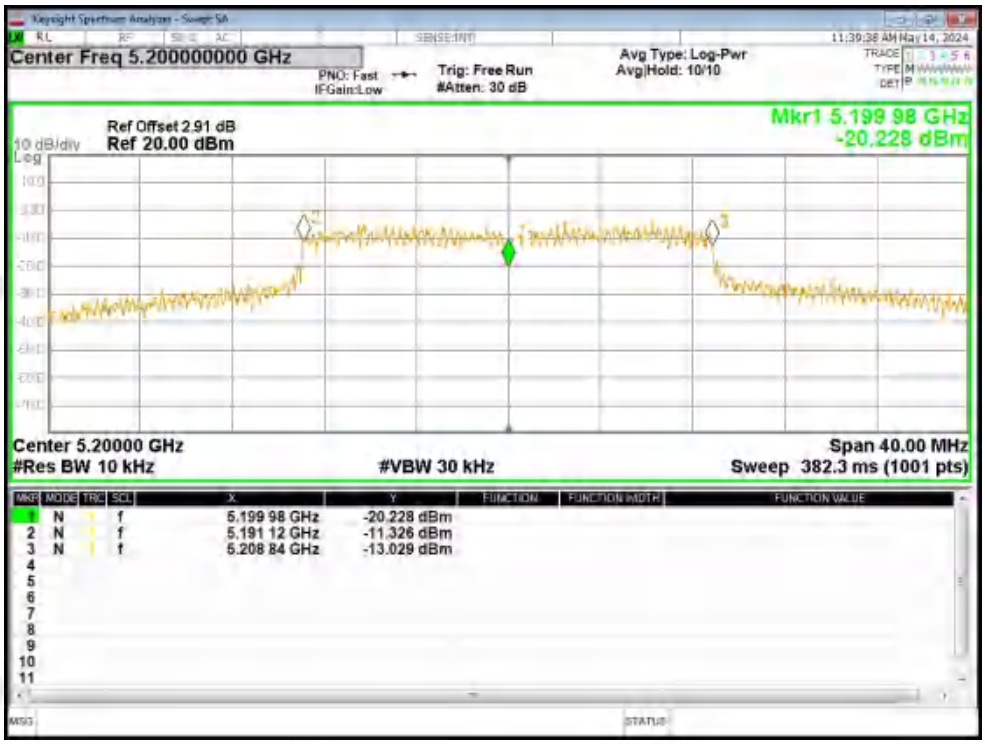
Freq. Stability NVNT a 5200MHz Ant2

Freq. Stability NVNT a 5240MHz Ant2



Freq. Stability NVNT n20 5180MHz Ant1

Freq. Stability NVNT n20 5200MHz Ant1



Freq. Stability NVNT n20 5240MHz Ant1

Freq. Stability NVNT n20 5180MHz Ant2

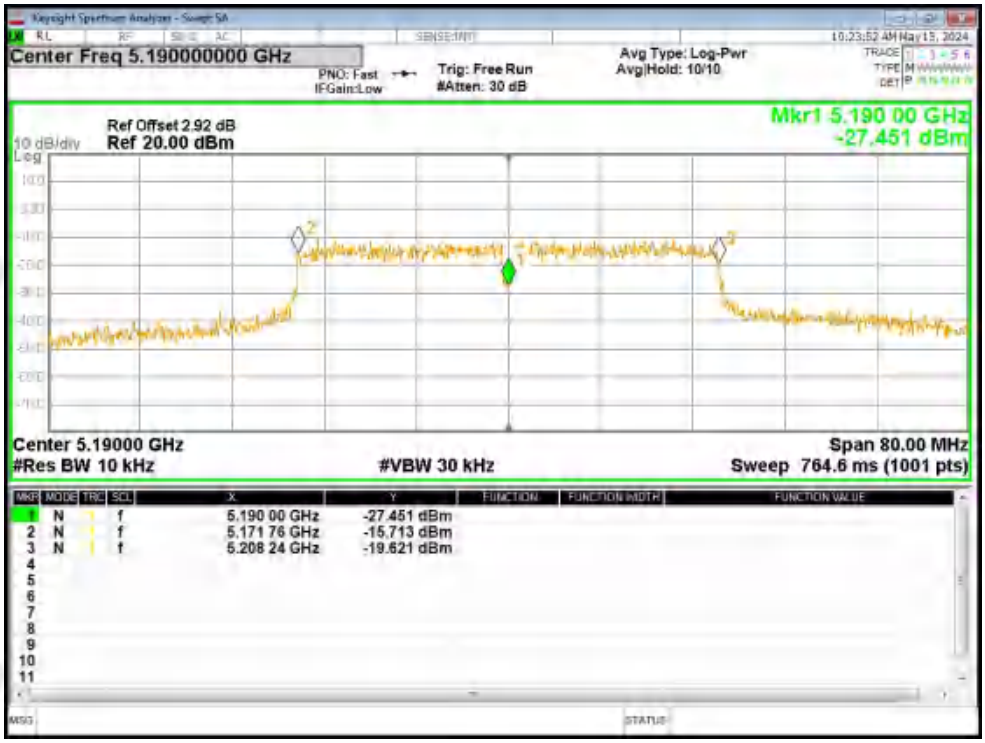
Freq. Stability NVNT n20 5200MHz Ant2

Freq. Stability NVNT n20 5240MHz Ant2

Freq. Stability NVNT n40 5190MHz Ant1

Freq. Stability NVNT n40 5230MHz Ant1

Freq. Stability NVNT n40 5190MHz Ant2



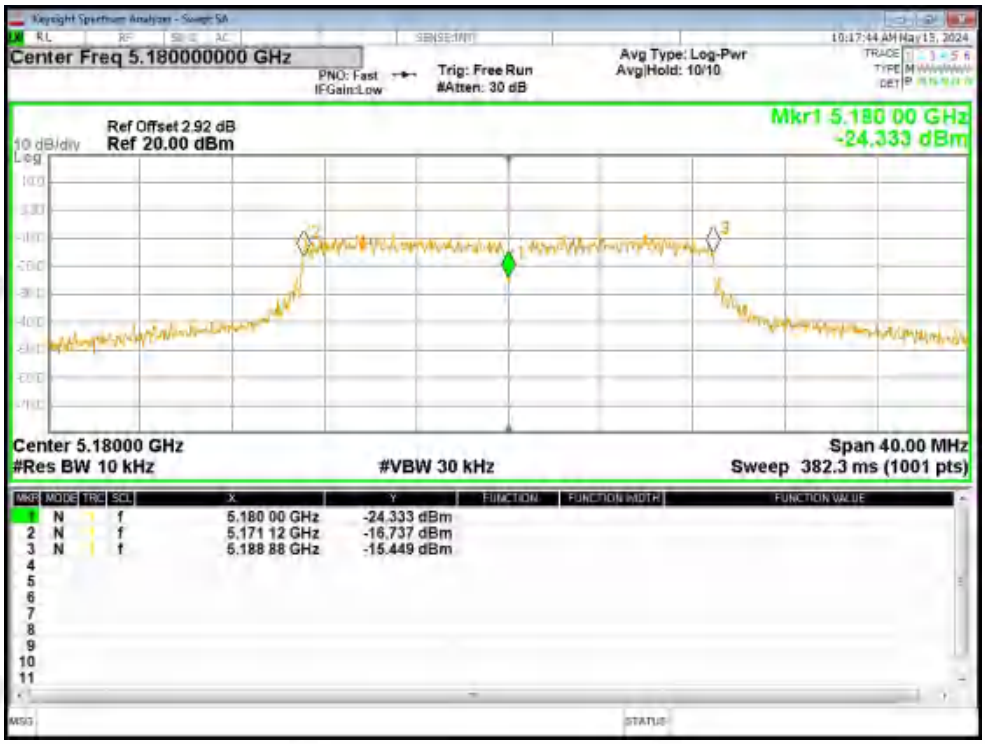
Freq. Stability NVNT n40 5230MHz Ant2

Freq. Stability NVNT ac20 5180MHz Ant1

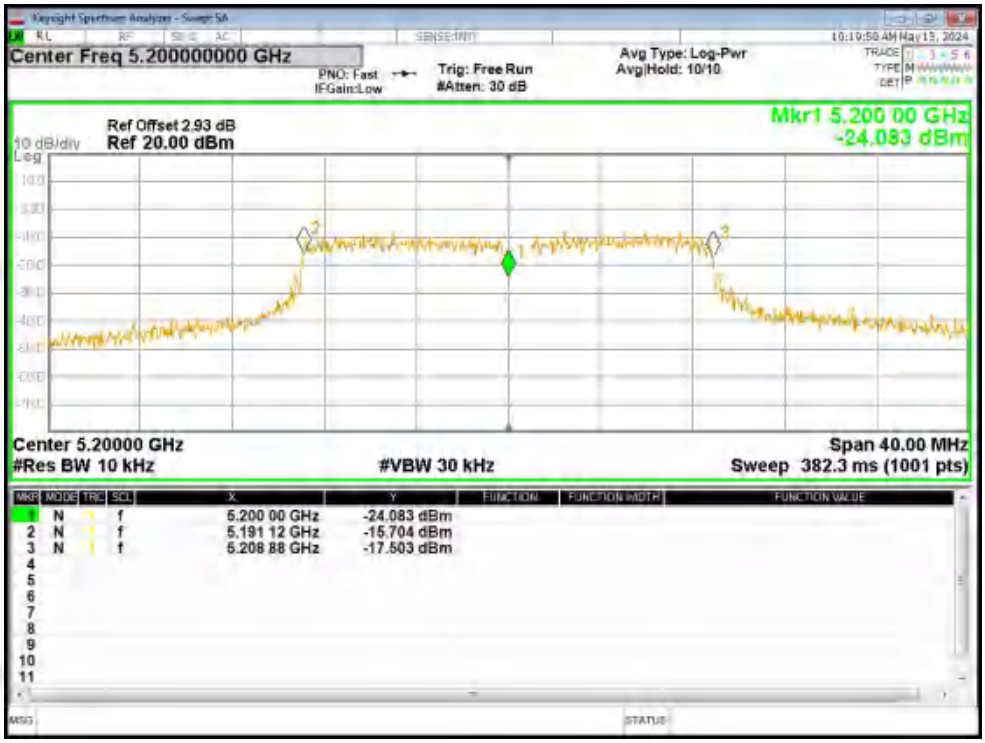
Freq. Stability NVNT ac20 5200MHz Ant1

Freq. Stability NVNT ac20 5240MHz Ant1

Freq. Stability NVNT ac20 5180MHz Ant2



Freq. Stability NVNT ac20 5200MHz Ant2

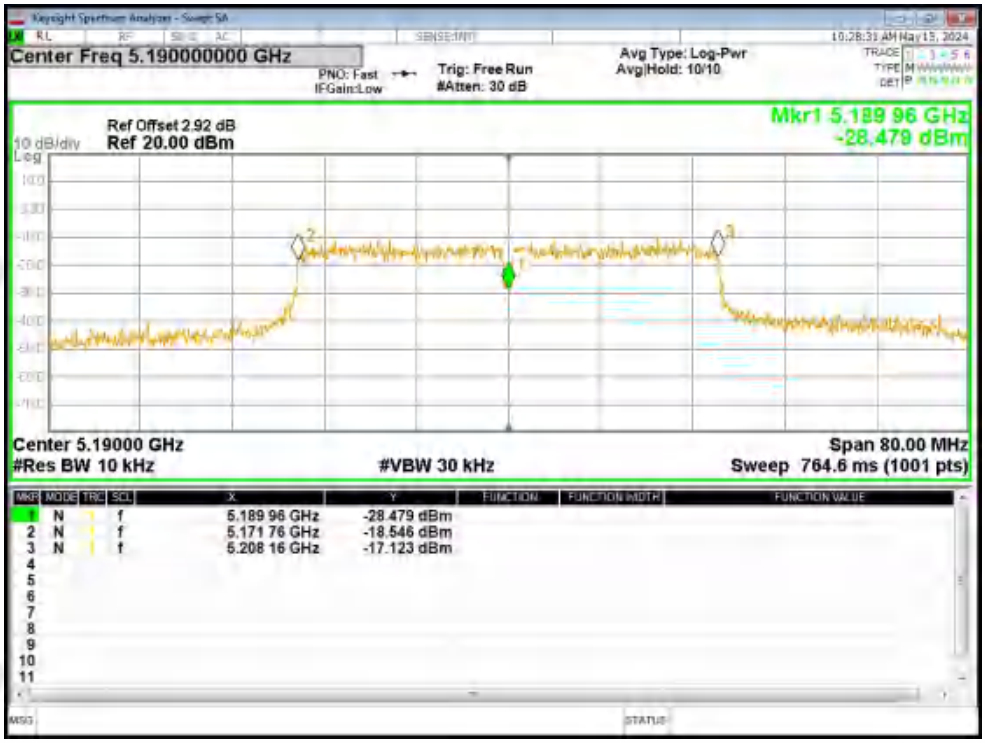


Freq. Stability NVNT ac20 5240MHz Ant2

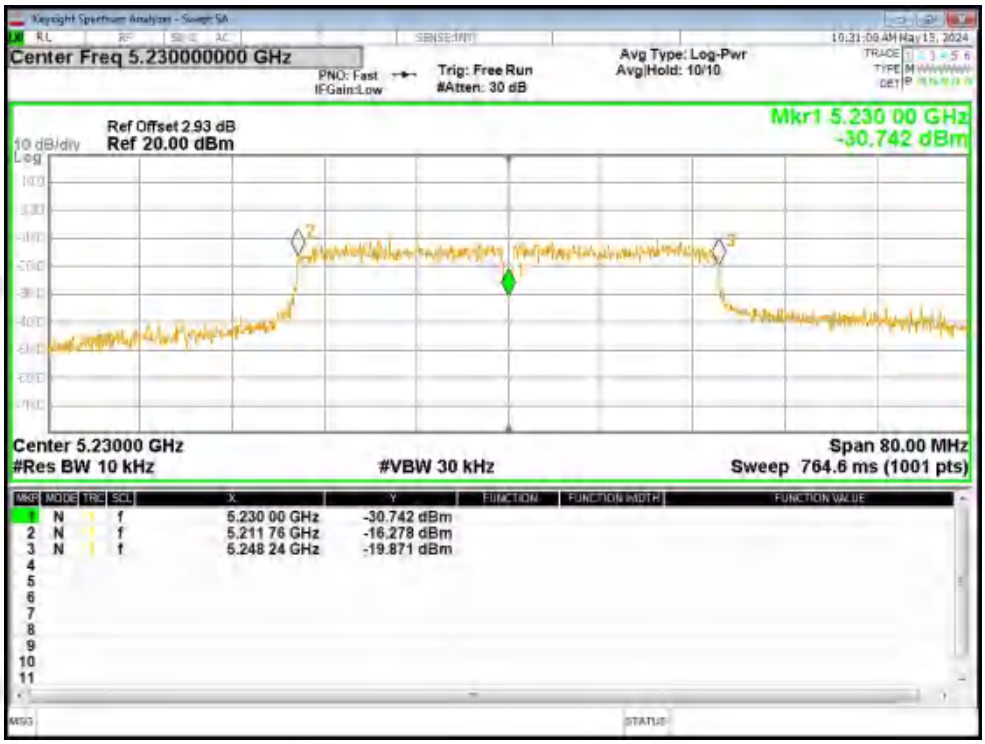
Freq. Stability NVNT ac40 5190MHz Ant1

Freq. Stability NVNT ac40 5230MHz Ant1

Freq. Stability NVNT ac40 5190MHz Ant2



Freq. Stability NVNT ac40 5230MHz Ant2



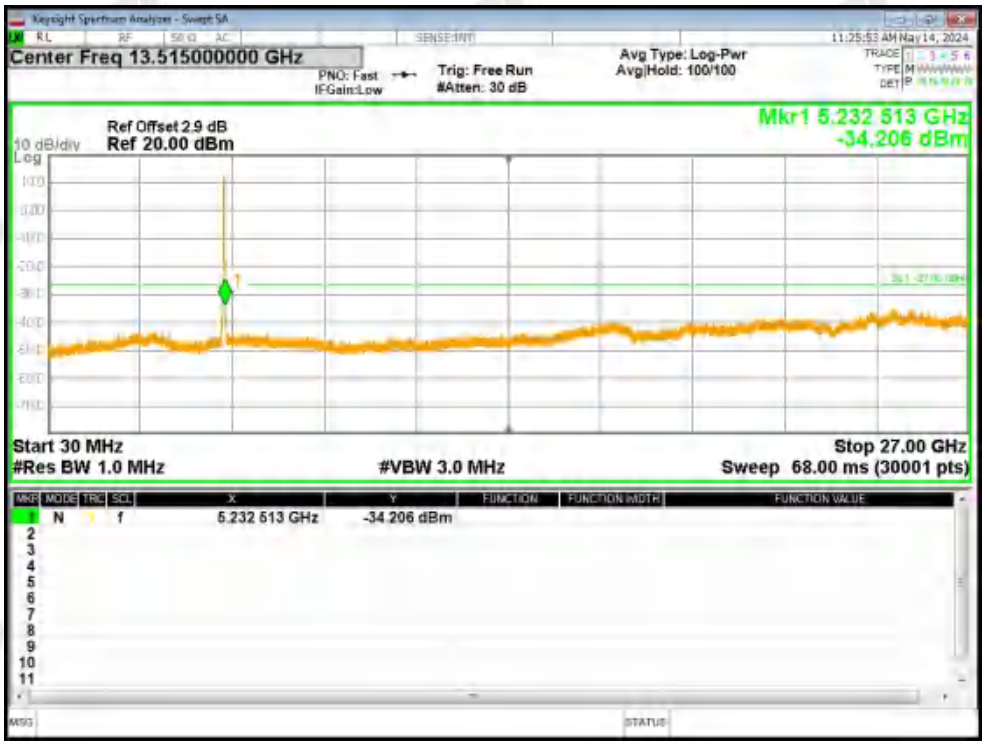
Freq. Stability NVNT ac80 5210MHz Ant1

Freq. Stability NVNT ac80 5210MHz Ant2

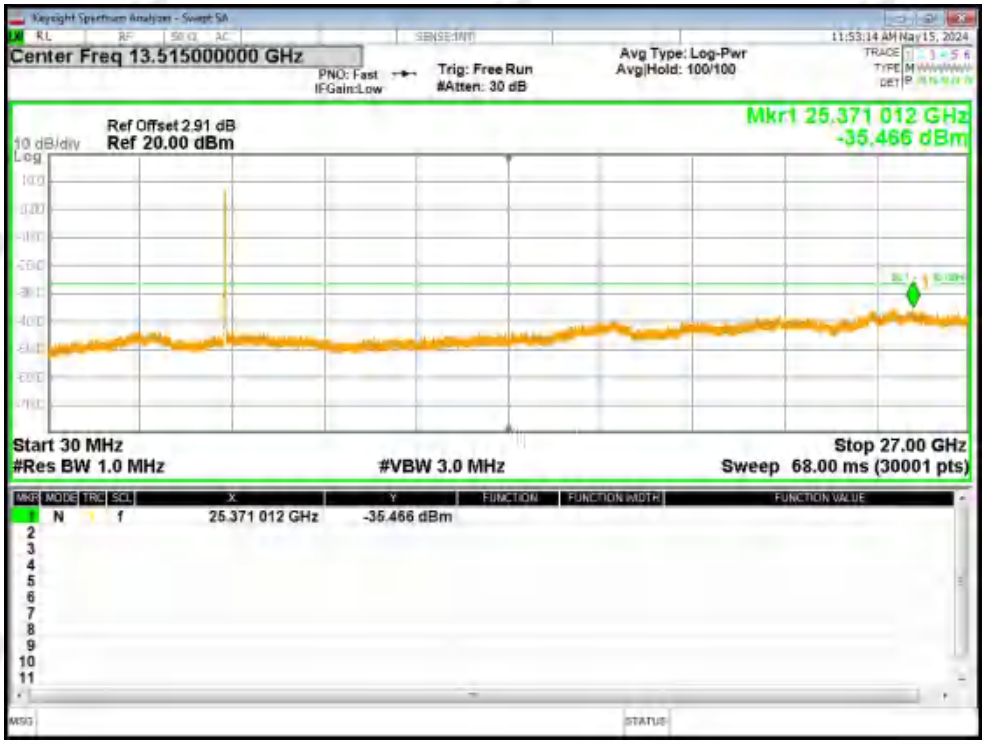
A8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.2	-27	Pass
NVNT	a	5200	Ant1	-35.46	-27	Pass
NVNT	a	5240	Ant1	-35.07	-27	Pass
NVNT	a	5180	Ant2	-35.51	-27	Pass
NVNT	a	5200	Ant2	-34.86	-27	Pass
NVNT	a	5240	Ant2	-28.7	-27	Pass
NVNT	n20	5180	Ant1	-35.28	-27	Pass
NVNT	n20	5200	Ant1	-33.73	-27	Pass
NVNT	n20	5240	Ant1	-35.08	-27	Pass
NVNT	n20	5180	Ant2	-35.32	-27	Pass
NVNT	n20	5200	Ant2	-34.86	-27	Pass
NVNT	n20	5240	Ant2	-30.91	-27	Pass
NVNT	n40	5190	Ant1	-35.43	-27	Pass
NVNT	n40	5230	Ant1	-35.09	-27	Pass
NVNT	n40	5190	Ant2	-34.98	-27	Pass
NVNT	n40	5230	Ant2	-35.56	-27	Pass
NVNT	ac20	5180	Ant1	-35.72	-27	Pass
NVNT	ac20	5200	Ant1	-35.63	-27	Pass
NVNT	ac20	5240	Ant1	-35.92	-27	Pass
NVNT	ac20	5180	Ant2	-34.87	-27	Pass
NVNT	ac20	5200	Ant2	-36.04	-27	Pass
NVNT	ac20	5240	Ant2	-34.99	-27	Pass
NVNT	ac40	5190	Ant1	-35.73	-27	Pass
NVNT	ac40	5230	Ant1	-35.94	-27	Pass
NVNT	ac40	5190	Ant2	-35.56	-27	Pass
NVNT	ac40	5230	Ant2	-36.17	-27	Pass
NVNT	ac80	5210	Ant1	-35.62	-27	Pass
NVNT	ac80	5210	Ant2	-35.13	-27	Pass

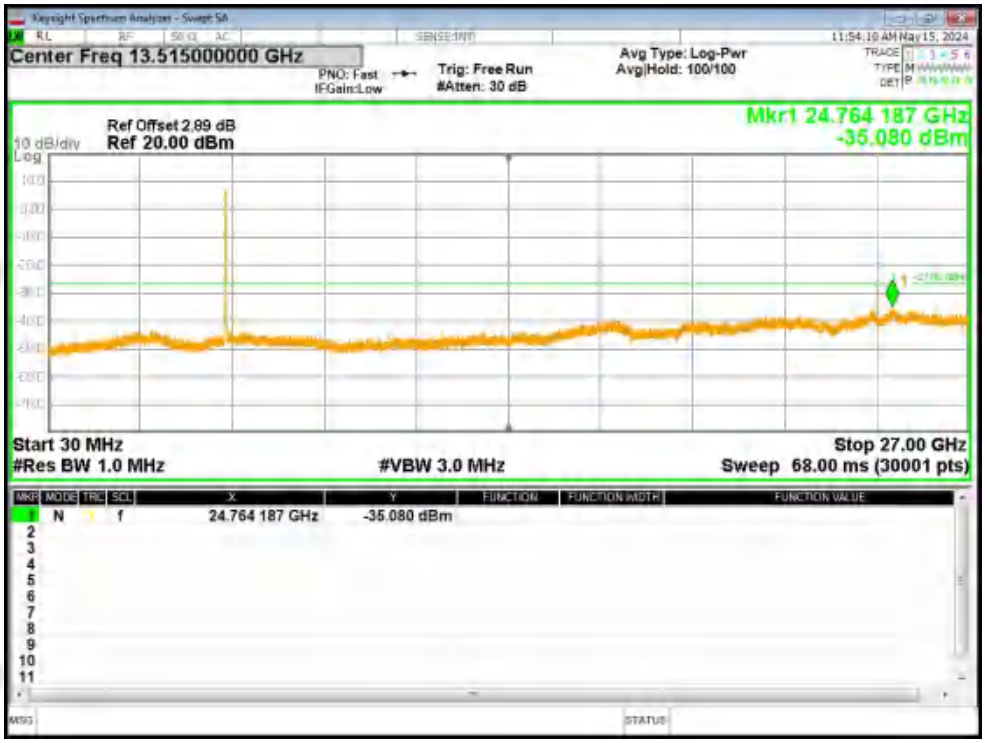
Test Graphs
Tx. Spurious NVNT a 5180MHz Ant1 Emission



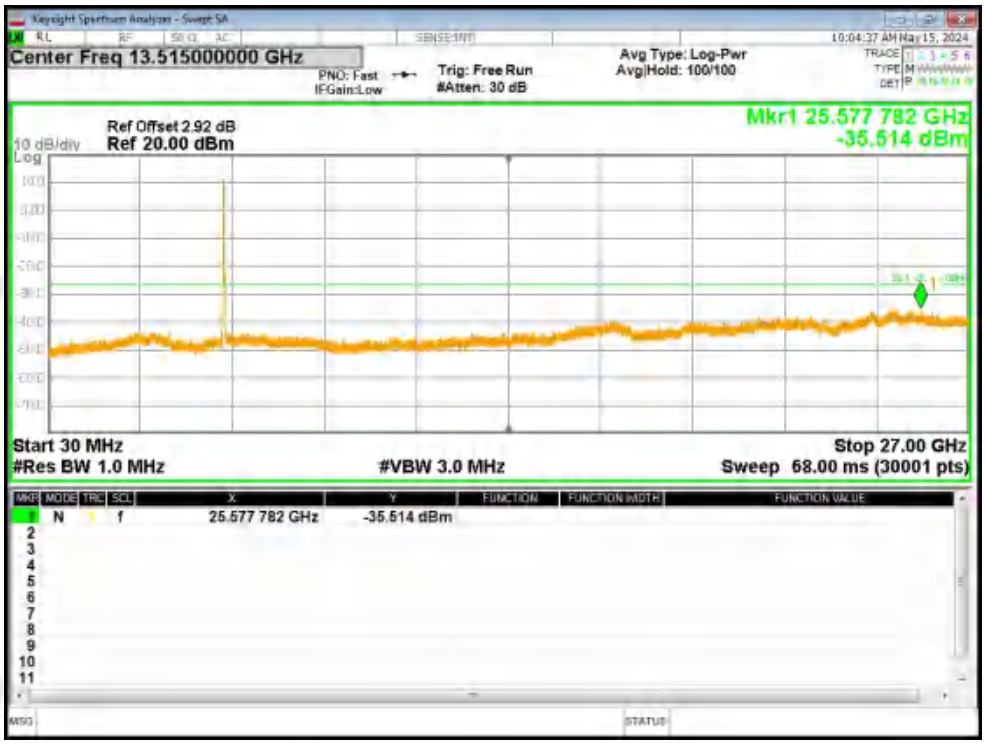
Tx. Spurious NVNT a 5200MHz Ant1 Emission



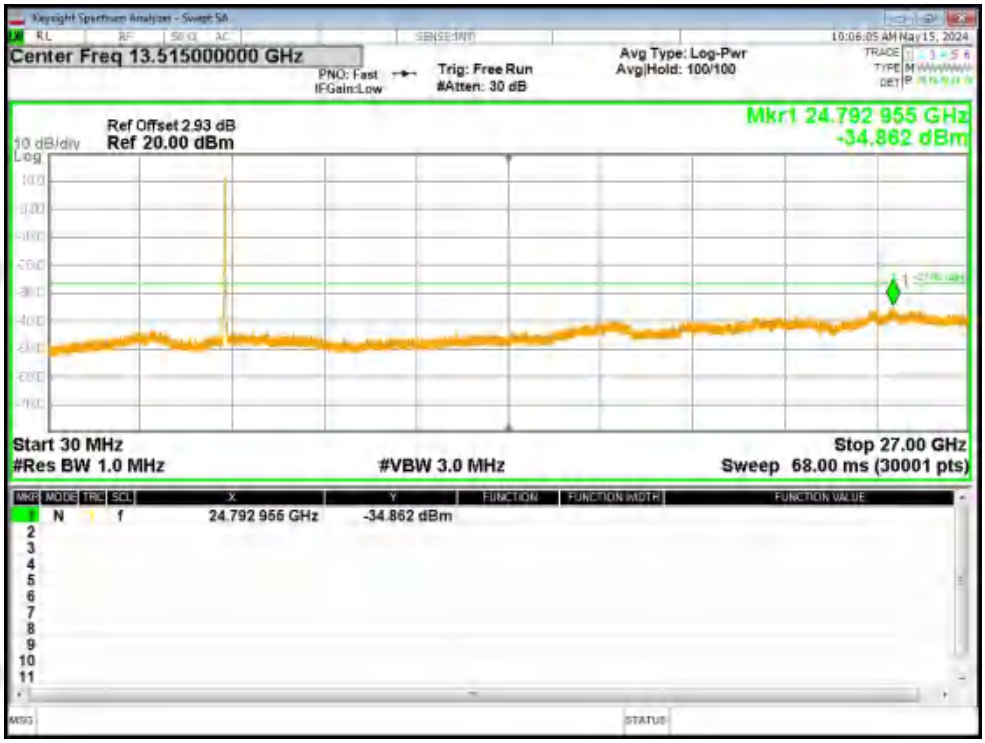
Tx. Spurious NVNT a 5240MHz Ant1 Emission



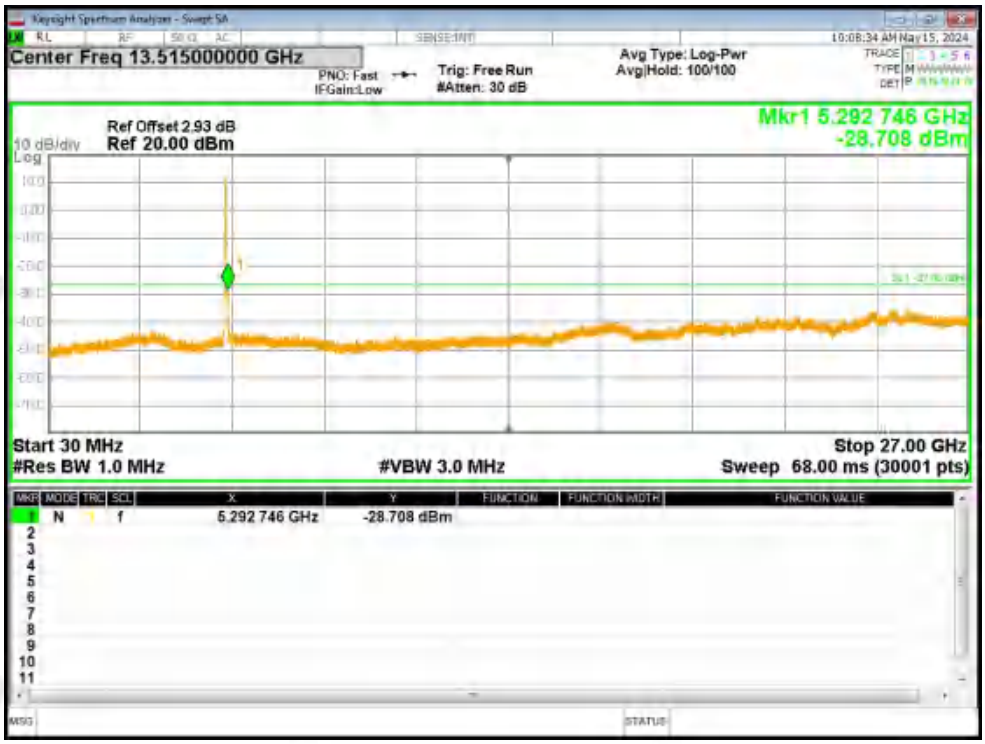
Tx. Spurious NVNT a 5180MHz Ant2 Emission



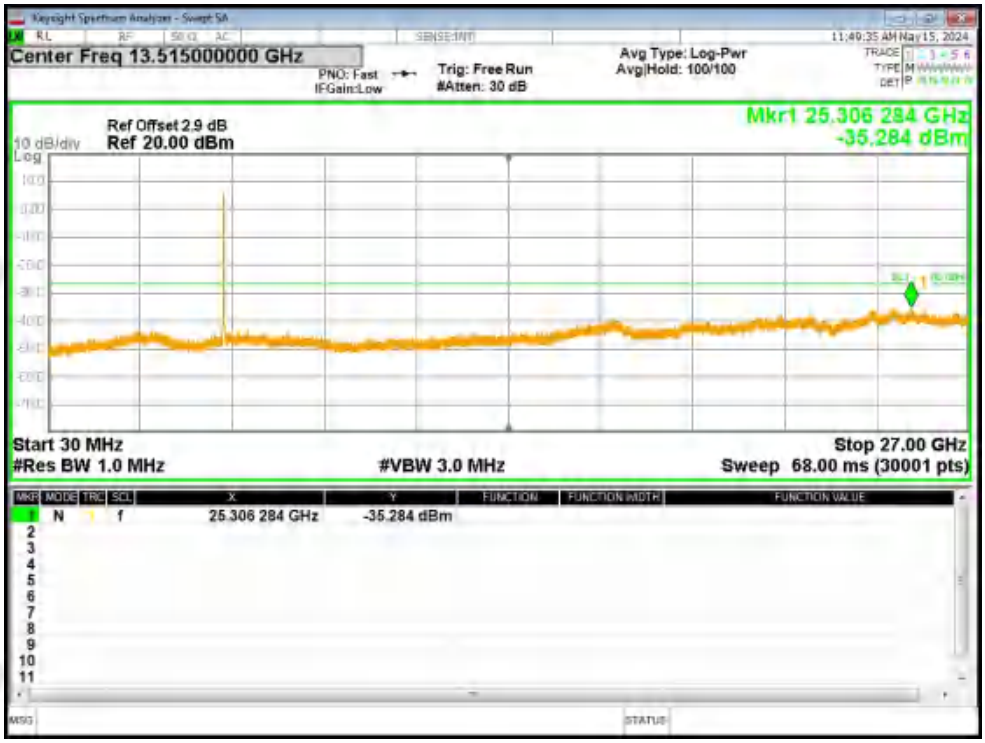
Tx. Spurious NVNT a 5200MHz Ant2 Emission



Tx. Spurious NVNT a 5240MHz Ant2 Emission

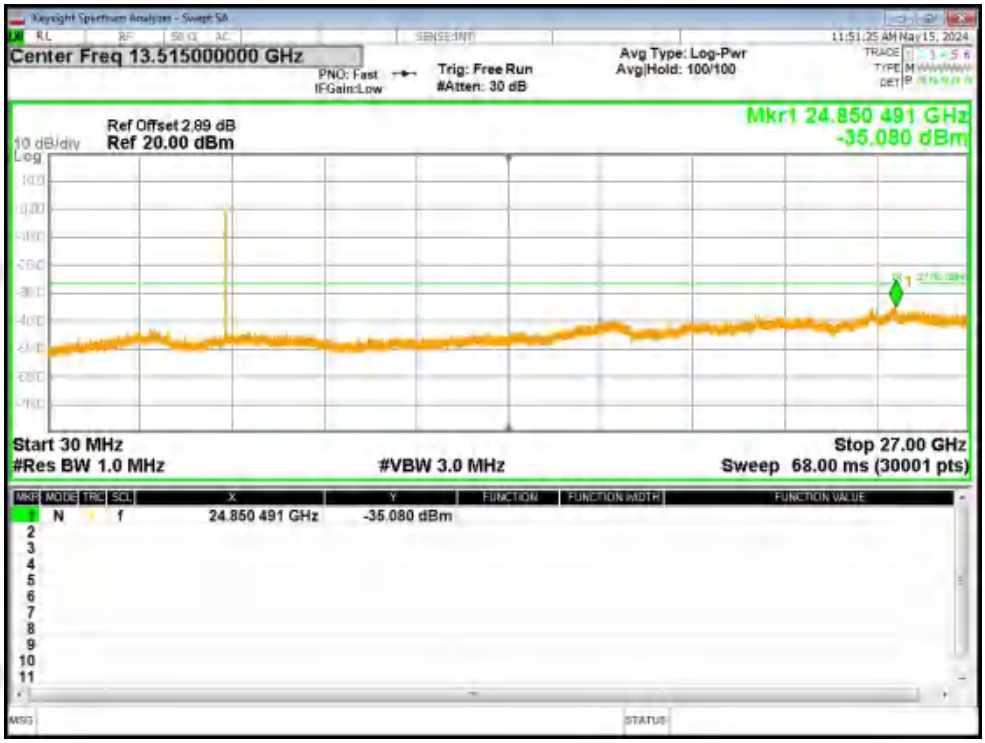


Tx. Spurious NVNT n20 5180MHz Ant1 Emission

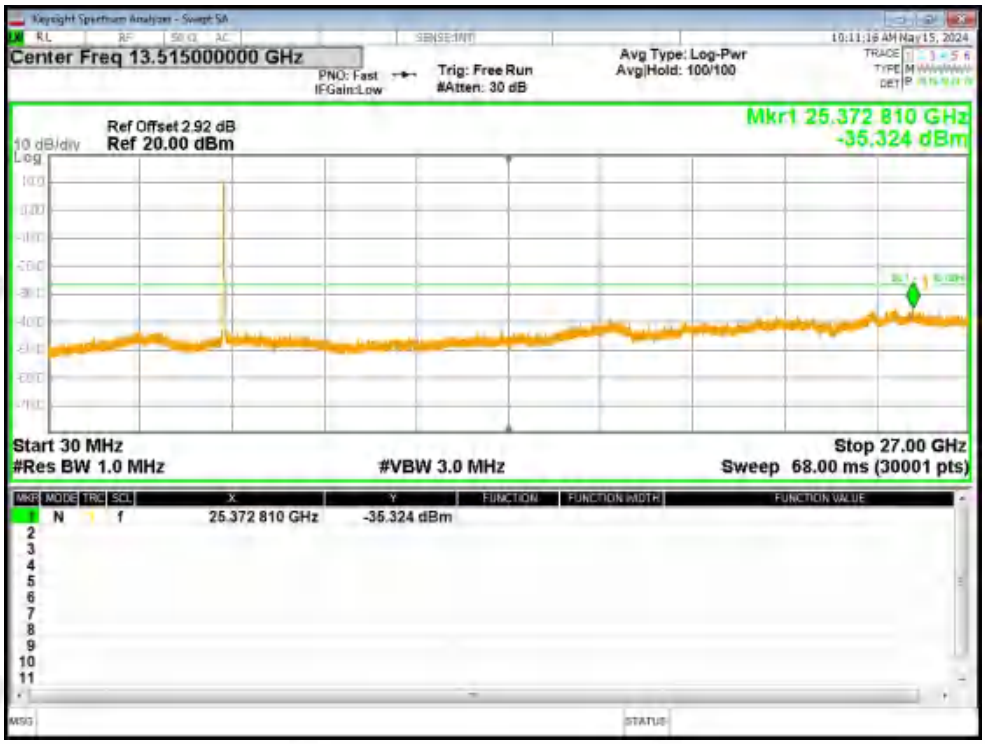


Tx. Spurious NVNT n20 5200MHz Ant1 Emission

Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n20 5180MHz Ant2 Emission



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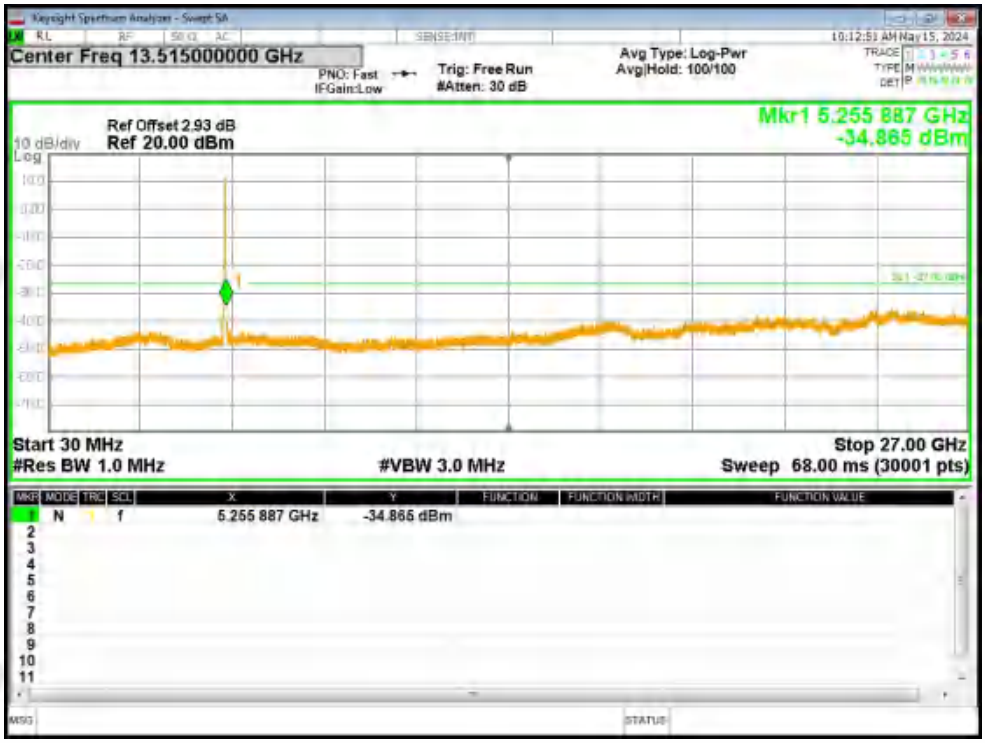

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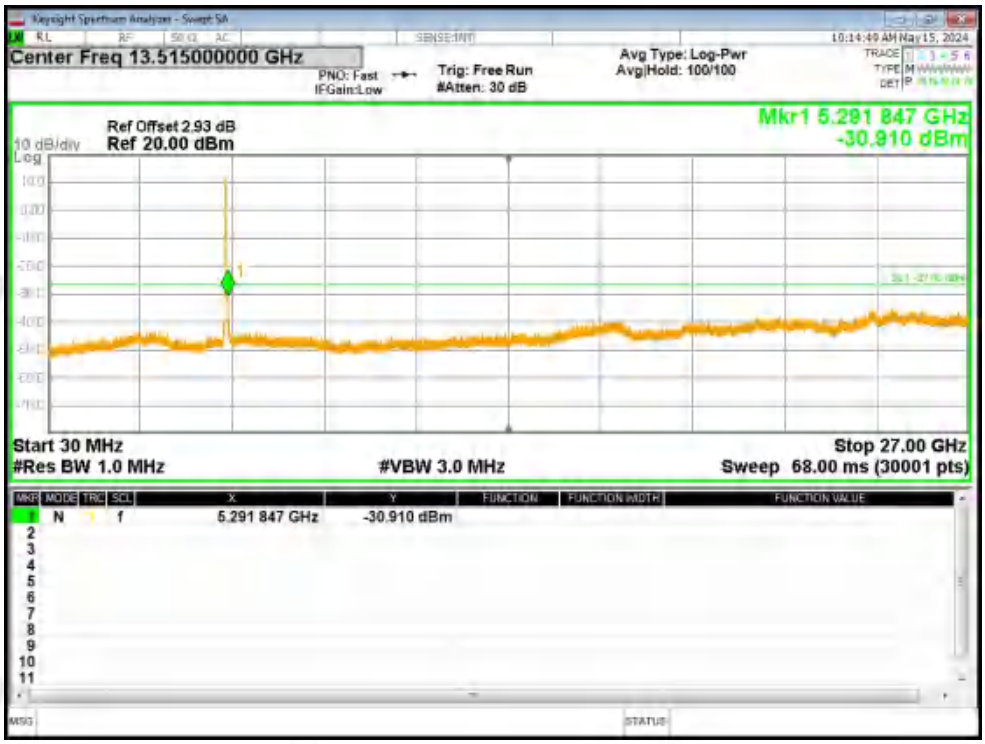
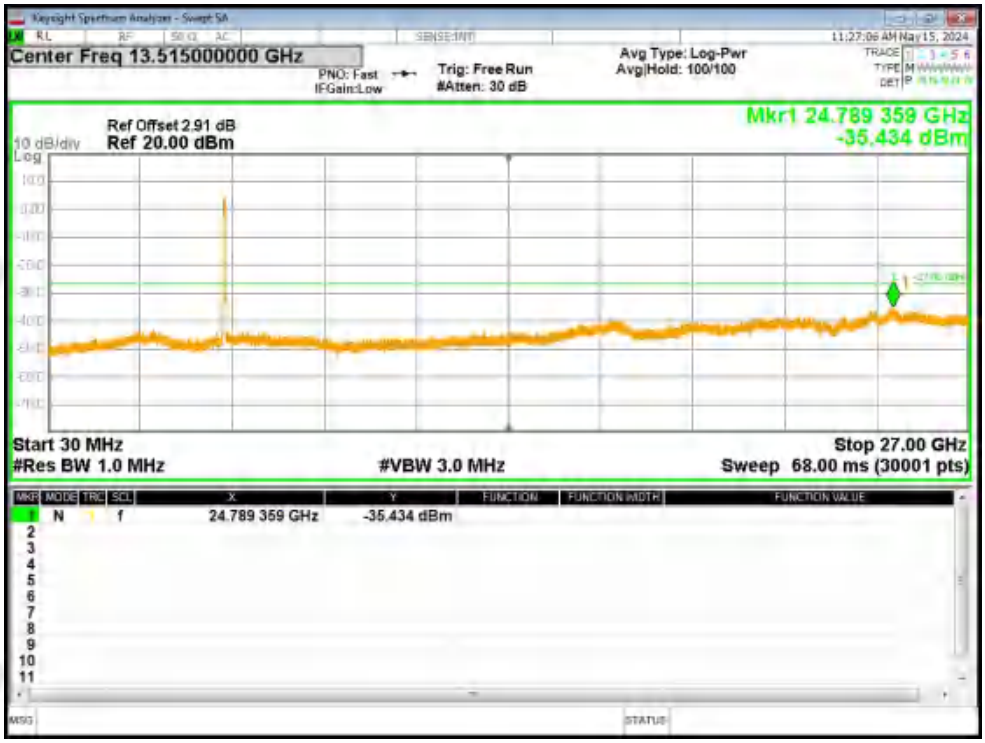


Tx. Spurious NVNT n40 5190MHz Ant1 Emission



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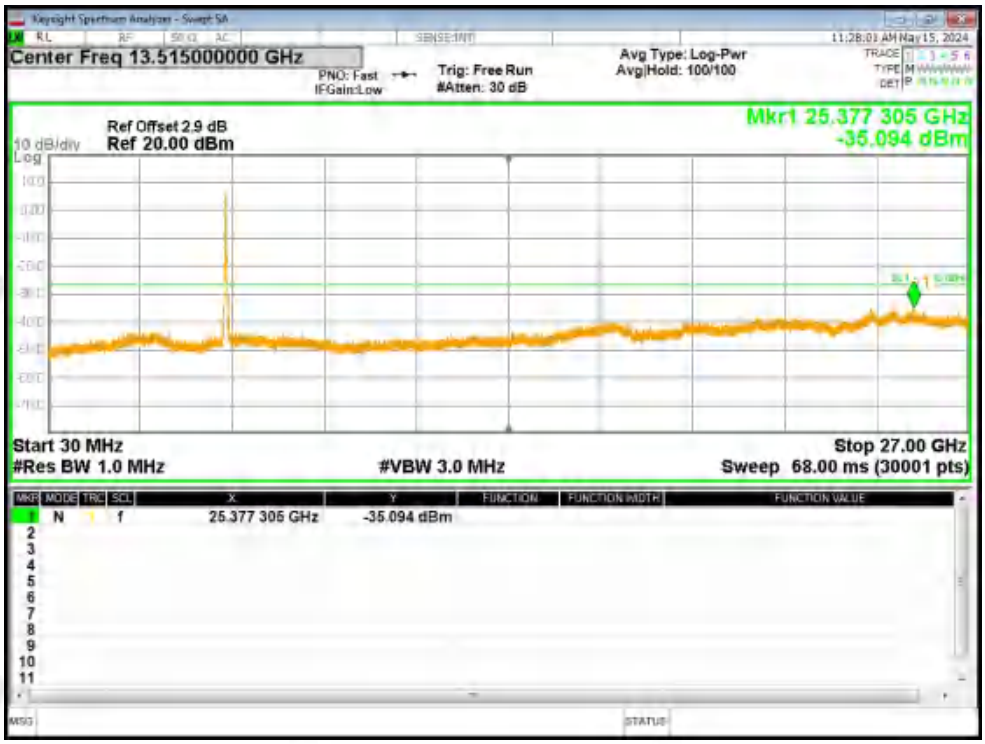

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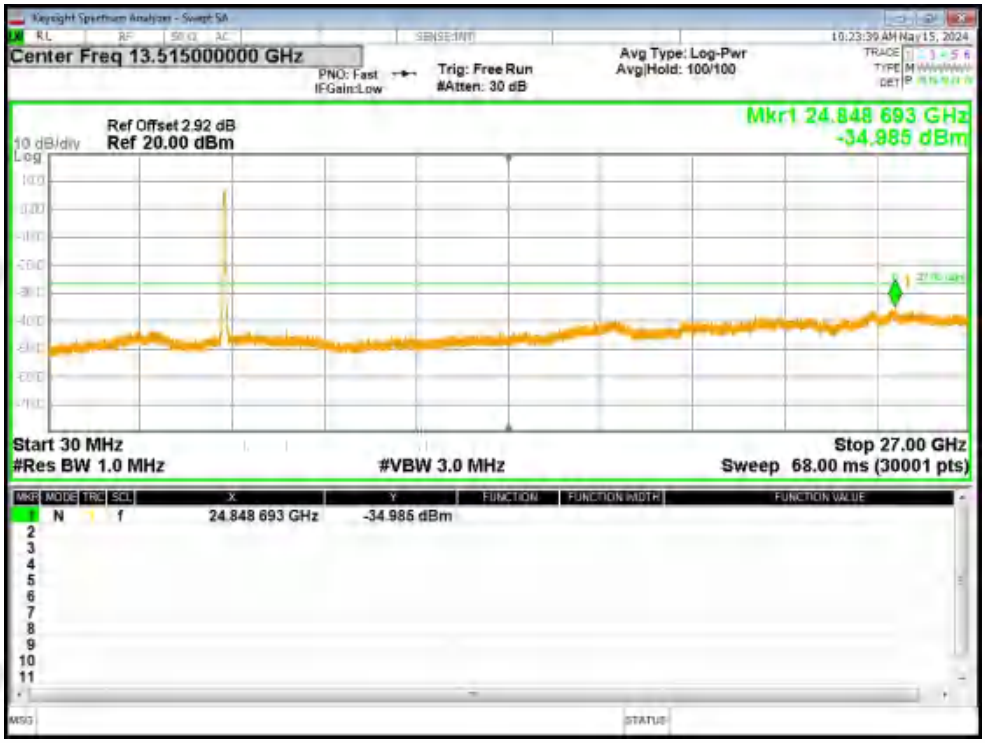
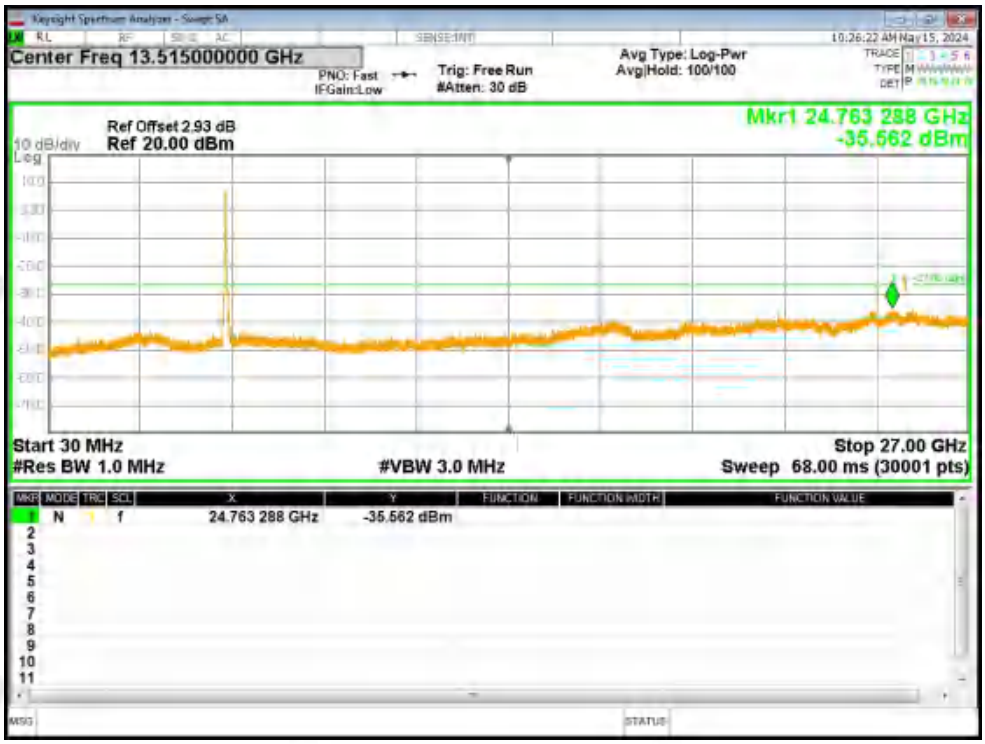
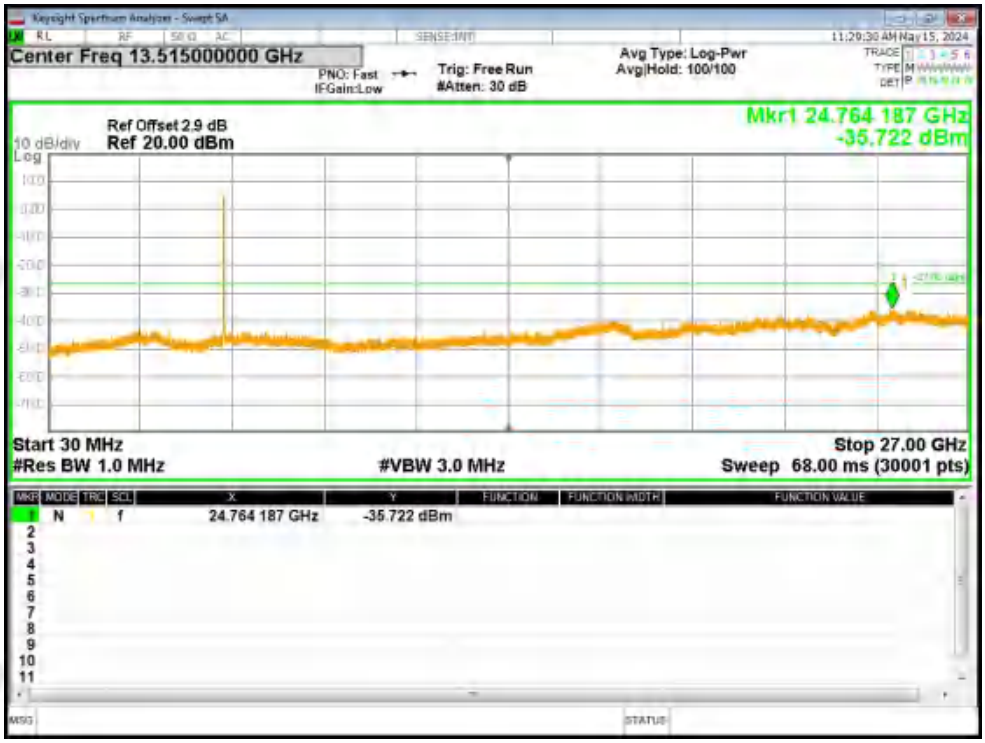


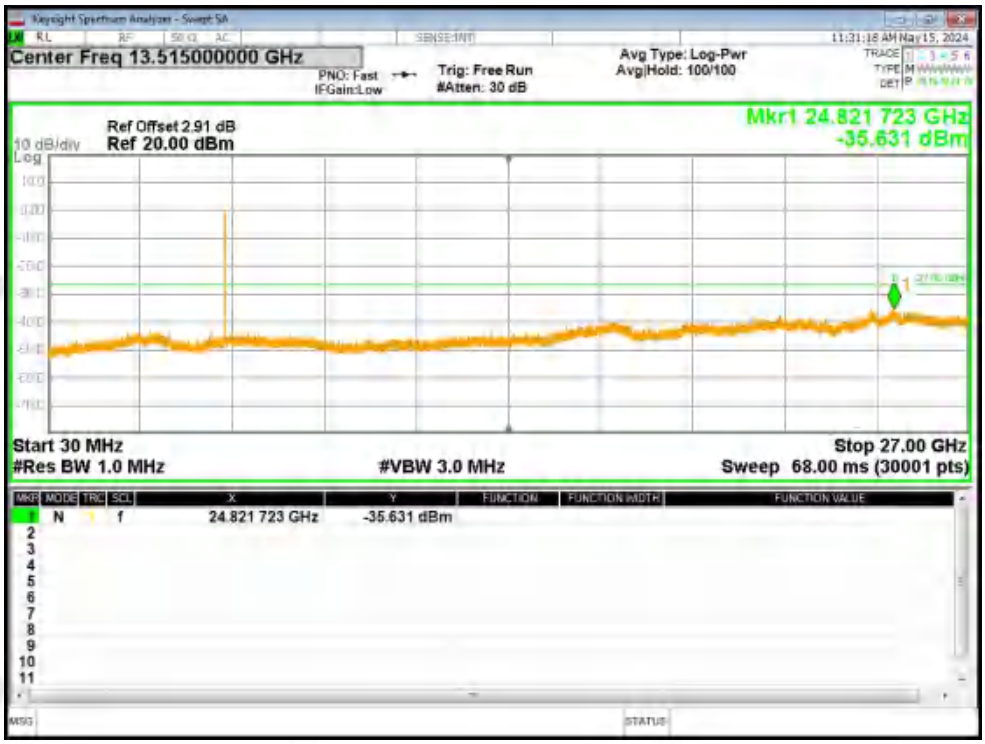
Tx. Spurious NVNT n40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



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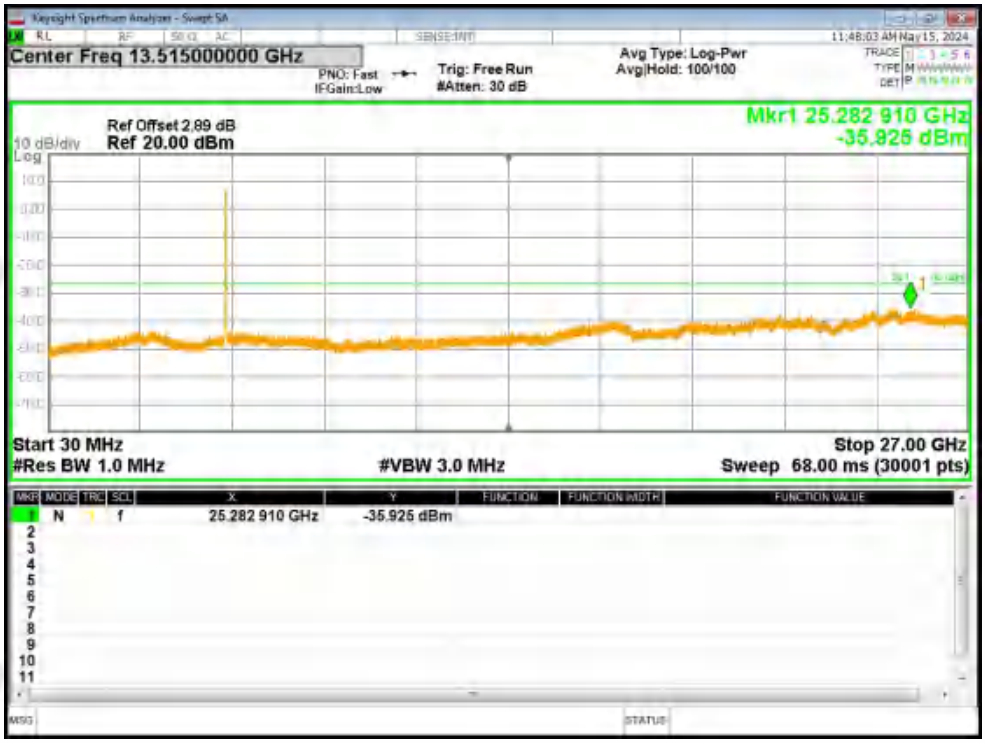

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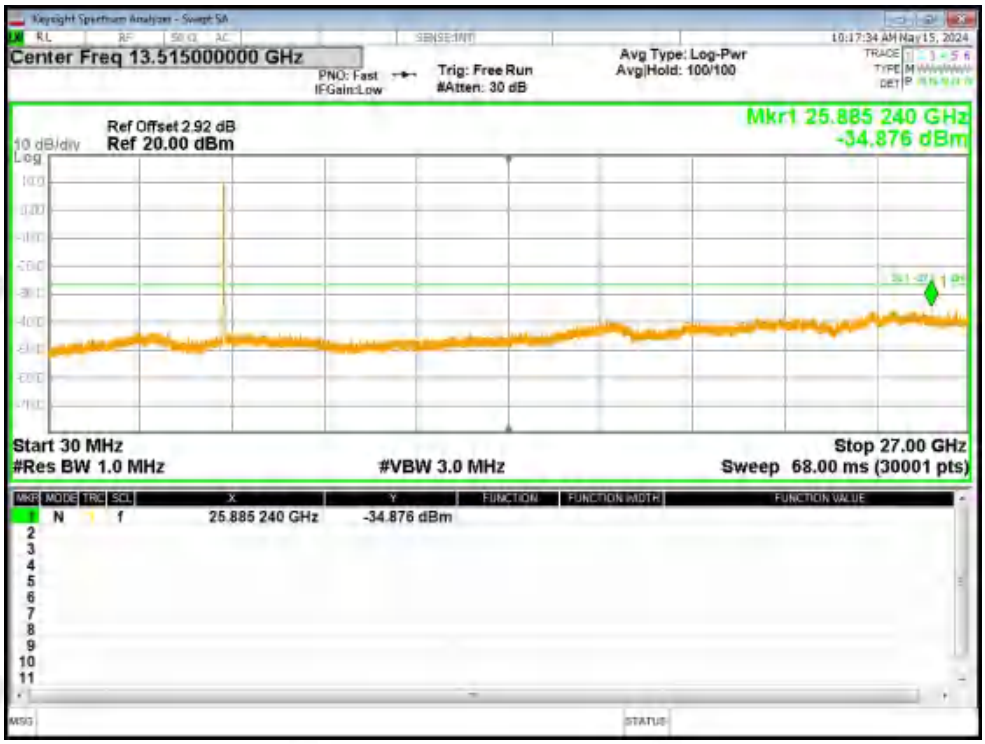

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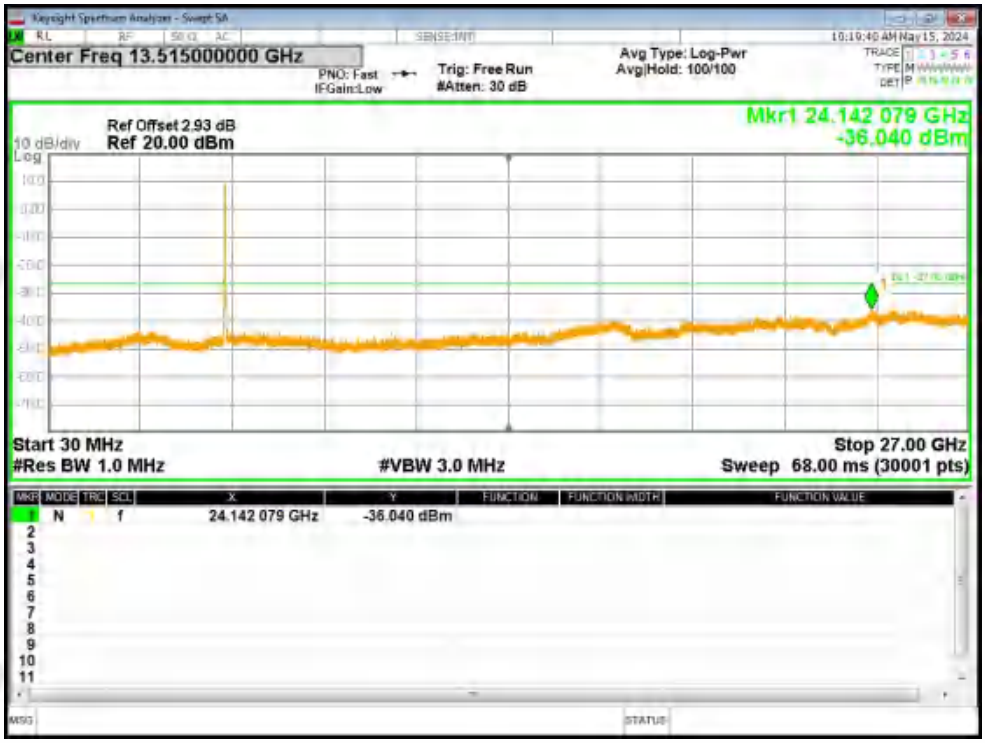
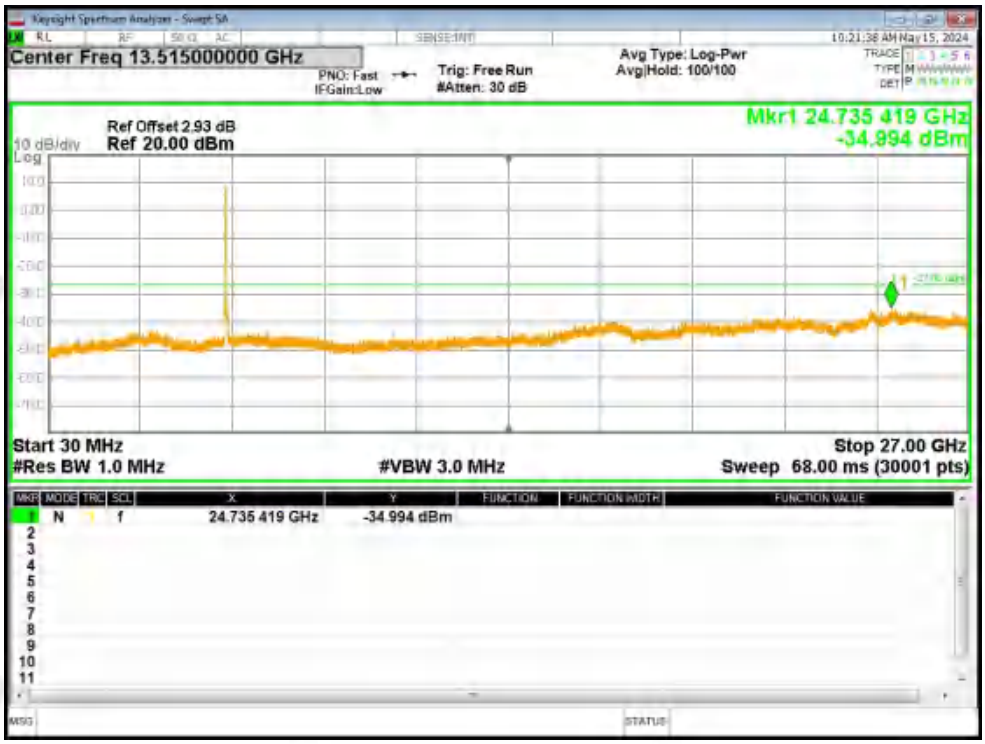
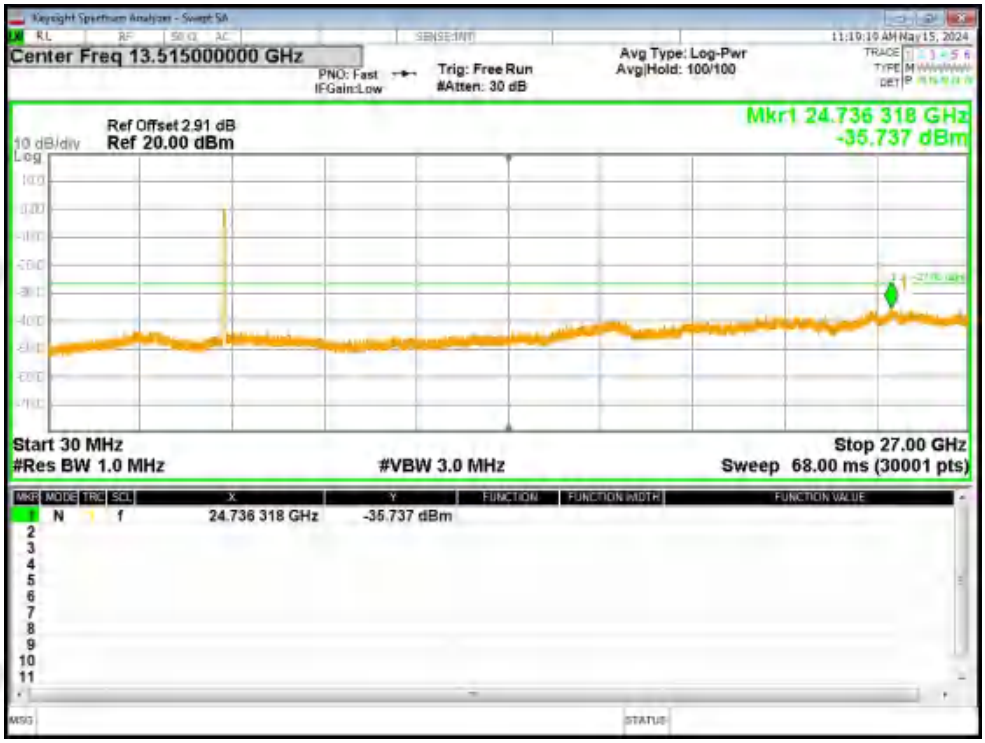


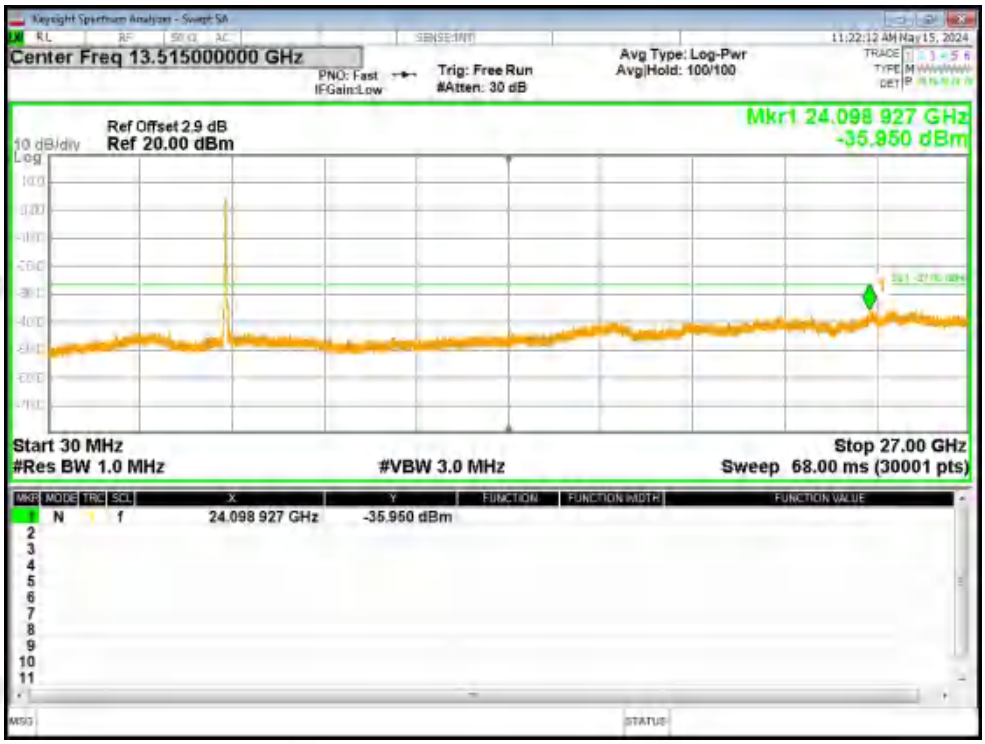
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



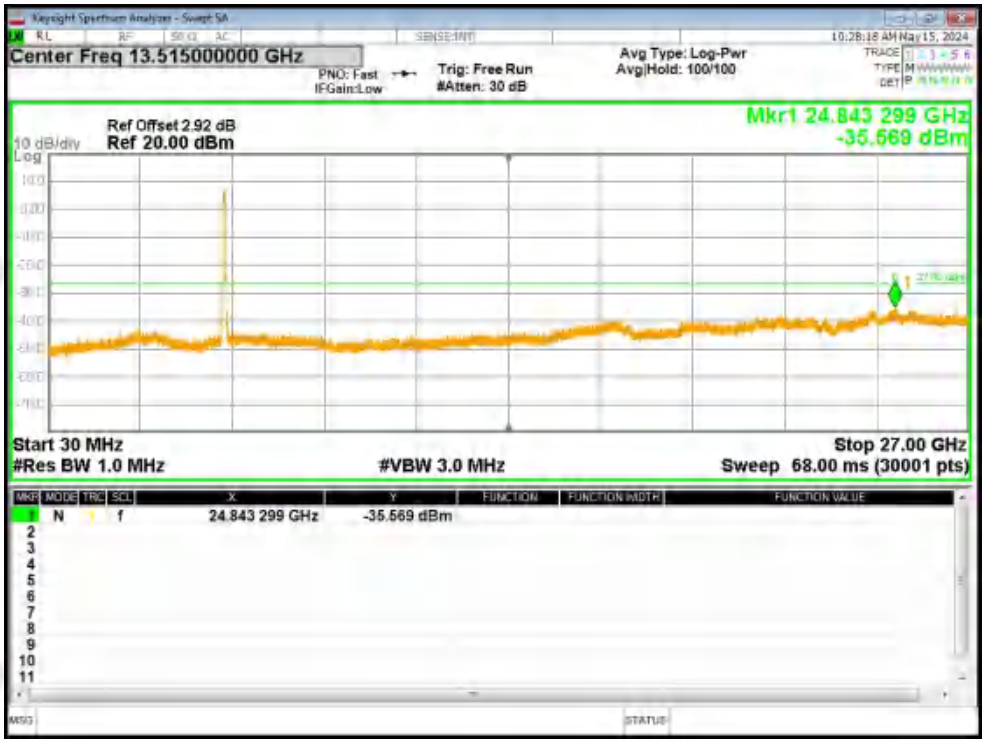
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



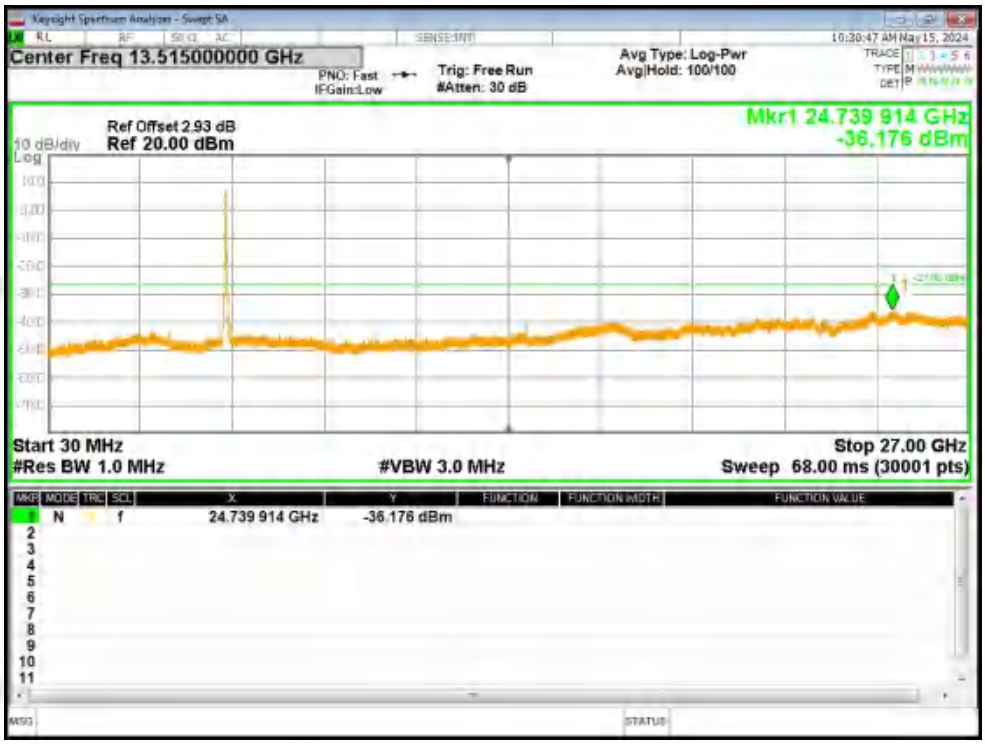
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



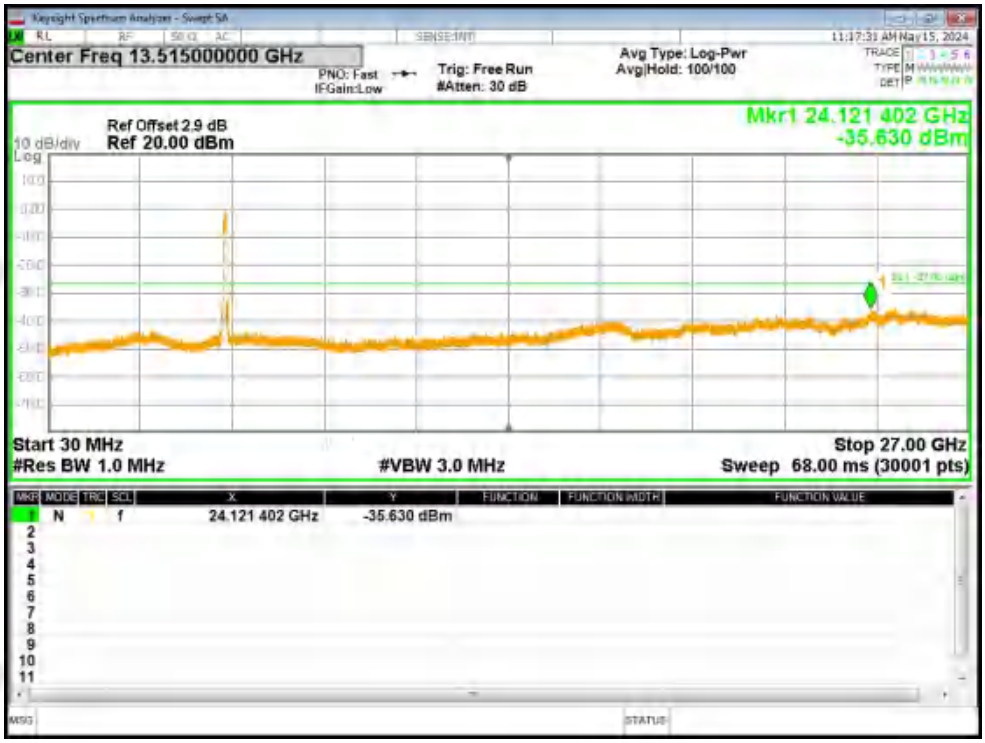
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission